TRACTS Ua-Ub

QUARTERLY REPORT #8
FIELD DATA
VOLUME 1
PART I-III

7602252

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QUARTERLY REPORT #8

FIELD DATA

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I. SUMMARY

SUMMARY

SEE QUARTERLY REPORT #8

II. WATER RESOURCES

A. Surface Hydrology

SED FLOW

WHITE RIVER ABOVE HELLS HOLE CANYON

	SED	FLOW	NOV	DEC	JAN	FEB	MAR	APR mgd	APR CFS	MAY mgd	MAY CFS	JUN mgd	JUN CFS	JUL	AUG	SEP
1												1105	1657			
2																
3																
4												1260	1780			
5								1410		2080	890					
6																
7										2715	950					
8								903				2925	1500			
9																
10												952	1670			
11										2430	1249					
12																
13								677	521	2845	1340					
14																
15																
16																
17																
18										2930						
19																
20								621	562	3470	2050					
21																
22																
23								313	1180							
24																
25										1705						
26																
27								440	500	1505						
28																
29								468	500							
30																
31																

HELLS HOLE CANYON NEAR MOUTH

	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP

WELLS HOLE CANYON NEAR MOUTH

	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
				mgd CFS							
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11				3550							
12											
13											
14											
15											
16				9420							
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											

EVACUATION CREEK AT WATSON UT.

	OCT	NOV	DEC	JAN		FEB		MAR		APR		MAY		JUN		JUL	AUG	SEP
				mgd	CFS	mgd	CFS	mgd	CFS	mgd	CFS	mgd	CFS	mgd	CFS			
1																		
2																		
3																		
4														114	0.3			
5												1125	1.1					
6																		
7												4205	1.5					
8																175000		
9																		
10												31600		188	0.1			
11						5820												
12																		
13										1490	1.3							
14												737	0.8					
15										1750	0.2							
16						2510												
17												665	85	71				
18						4170												
19								18000	4.8	8210	4.9							
20																		
21												1640	2.5					
22												4460						
23				113						1285	1.4							
24												1845	2.5					
25																		
26																		
27																		
28												776	1.9					
29																		
30										757	1.1							
31																		

EVACUATION CREEK NEAR MOUTH

	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY		JUN		JUL	AUG	SEP
							mg/l	CFS	mg/l	CFS	mg/l	CFS			
1															
2															
3															
4									1052	1.2	48	0.6			
5															
6									1575						
7															
8															
9															
10															
11											52	1.5			
12									1225						
13															
14									477	0.8					
15															
16															
17											40				
18									896	1.0					
19															
20							4670	4.5							
21									1525	2.6					
22															
23							1175	1.6							
24															
25															
26									1030	2.5					
27							2490	2.6	659	1.0					
28															
29															
30							513	1.7							
31															

WHITE RIVER NEAR WATSON

	OCT	NOV	DEC	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP	
				mgd	CFS	mgd	CFS	mgd	CFS	mgd	CFS	mgd	CFS	mgd	CFS						
1														1510	1657						
2				118						506	420			1340	1560						
3						1104		1870				1650	650								
4												2350		1430	1797						
5												2400									
6										856											
7										1260	568			1480	1790						
8										281	483			1440	1777						
9				165		84				611	420			1365	1719						
10								1250	650			2760	880	1160	1600						
11												[illegible]		1370	1709						
12				154		536		557		660	420	2690 3055	1240								
13										512		2650									
14										570	618			771							
15								1510	480	339											
16										354											
17												3700	1460								
18								2600				3785	1775								
19				147						268		3775	2027								
20										638	560	3510	2100								
21										805	504	273	2200								
22				69						491	480	2650	2100								
23								2840	552	350	478										
24												2175									
25												1920	1846								
26				1100				2040	552	320	550	1040									
27										484	550										
28										420	535	1905	1485								
29				133				618	426	333											
30										513	540										
31																					

WHITE RIVER ABOVE SOUTHAM CANYON

	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY		JUN		JUL		AUG		SEP	
							mgd	CFS	mgd	CFS	mgd	CFS						
1																		
2																		
3											1660	1707						
4									1960	800								
5																		
6							1010	534	2350	920								
7											1480	1837						
8																		
9							773	500			1160	1700						
10									6250									
11																		
12							680	500										
13									3150	1344								
14							542	581			1120							
15																		
16																		
17									3870									
18																		
19							469	500	3400	2021								
20																		
21							1600	505										
22																		
23																		
24									1680	2070								
25																		
26							370	450	2000									
27																		
28							640	550										
29																		
30																		
31																		

SOUTHAM CANYON UPPER STATION

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
					missing							
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12					7/39							
13					2020							
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

SOUTHAM CANYON NEAR MOUTH

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
					mgd							
1												
2												
3												
4												
5												
6												
7												
8												
9												
10					10600							
11												
12					9020							
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

Asphalt Wash Below Centre Fork

	O	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	
					mg/l							
1												
2												
3												
4												
5												
6												
7												
8												
9												
10					18600							
11					1 [illegible] 1120							
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

ASPHALT WASH NEAR MOUTH

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
					WALD							
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11					1960							
12					2110							
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

WHITE RIVER BELOW ASPHALT WASH

	NOV		DEC		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP	
					mg/l	CFS	mg/l	CFS	mg/l	CFS	mg/l	CFS	mg/l	CFS	mg/l	CFS						
1									2320						1690	1639						
2											598	395			1500	1535						
3							154						1010									
4													1350	800	1890	1688						
5													2010									
6											638	490										
7											1130	500	2420	950	1450	1663						
8											820	[illegible]			1320	1606						
9									946	360	716	534										
10													2740	880	1610	1494						
11													2160		1650	1550						
12									701		701	500										
13											415	460	4320	1430								
14											319	465	3310	1430								
15					1316						510	574										
16											460	525										
17													2830		1070	2036						
18									2620	616			3350	1810								
19							653				300	514	4650	1891								
20											1170	580	3680	2086								
21					2316						1100	520										
22											710	480										
23											270	465										
24																						
25									2750	556			1330	1788								
26							603				650	500	1740									
27											900	530	2000	1535								
28											450		1860									
29																						
30					2316						625											
31																						

PROCESS DATE IS 08-10-7

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

S-

STATION NUMBER 09306400 WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395826 LONGITUDE 1090749 DRAINAGE AREA 4.12 DATUM STATE 49 COUNTY 047

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	452	---	370	833			---	659				
2	455	---	380	904			---	670				
3	451	---	574	806			---	718				
4	455	---	640	680			---	802				
5	451	---	587	601			473	854				
6	433	---	563	799			524	924				
7	427	---	547	---			559	---				
8	437	---	547	---			520	---				
9	444	---	519	---			492	---				
10	451	---	541	---			458	---				
11	432	---	500	---			488	---				
12	424	---	478	---			504	---				
13	422	---	486	---			535	---				
14	424	---	438	---			593	---				
15	455	---	354	---			565	---				
16	456	---	224	---			527	---				
17	---	---	207	---			530	---				
18	---	---	310	---			535	---				
19	---	407	484	---			544	---				
20	---	392	445	---			555	---				
21	---	389	468	---			500	---				
22	---	389	592	---			469	---				
23	---	444	713	---			463	---				
24	---	435	809	---			474	---				
25	---	441	855	---			500	---				
26	---	449	837	---			508	---				
27	---	454	807	---			545	---				
28	---	460	804	---			548	---				
29	---	465	990	---			523	---				
30	---	470	905	---			579	---				
31	---	---	770	---			---	---				
TOTAL	---	---	17744	---			---	---				
MEAN	---	---	572	---			---	---				
MAX	---	---	990	---			---	---				
MIN	---	---	207	---			---	---				
AC-FT	---	---	35200	---			---	---				

Records
vision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306400 WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395826 LONGITUDE 1090749 DRAINAGE AREA 4.12 DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	696		---	184			---	673	349			
2	696		712	268			---	580	374			
3	694		613	433			---	411	365			
4	697		608	603			---	314	341			
5	702		601	678			688	329	326			
6	700		581	---			624	326	327			
7	697		591	---			586	370	322			
8	709		592	---			668	416	---			
9	713		600	---			775	426	---			
10	712		610	---			810	443	---			
11	711		603	---			823	377	---			
12	704		614	---			782	296	---			
13	712		603	---			746	253	---			
14	719		---	---			711	221	---			
15	721		---	---			702	227	---			
16	---		---	---			715	316	---			
17	---		---	---			720	234	---			
18	---		---	---			729	216	---			
19	---		---	---			782	260	---			
20	---		---	---			805	---	---			
21	---		---	---			859	283	---			
22	---		---	---			852	279	---			
23	---		---	---			822	281	---			
24	---		---	---			802	245	---			
25	---		---	---			776	250	---			
26	---		---	---			730	259	---			
27	---		---	---			725	317	---			
28	---		---	---			714	421	---			
29	---		112	---			709	401	---			
30	---		118	---			710	369	---			
31	---		144	---			---	345	---			
MEAN	---		---	---			745	338	---			

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306400 WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395826 LONGITUDE 1090749 DRAINAGE AREA 4.12 DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.5		---	0.0			---	13.5	15.5			
2	12.0		0.0	0.0			---	14.0	16.5			
3	12.0		0.0	0.0			---	14.0	16.0			
4	12.0		0.0	0.0			---	14.5	16.0			
5	12.5		0.0	0.0			9.5	14.0	16.5			
6	13.0		0.0	0.0			8.0	14.0	17.0			
7	12.5		0.0	---			8.5	13.5	17.0			
8	---		0.0	---			9.5	13.0	16.0			
9	---		0.0	---			10.5	14.0	---			
10	---		0.0	---			11.0	14.5	---			
11	---		0.0	---			11.5	15.0	---			
12	---		0.0	---			11.5	14.0	---			
13	---		0.0	---			10.5	14.0	---			
14	---		0.0	---			9.5	15.0	---			
15	---		0.0	---			10.0	15.5	---			
16	---		0.0	---			10.5	14.0	---			
17	---		0.0	---			10.5	14.5	---			
18	---		0.0	---			10.0	15.5	---			
19	---		0.0	---			10.5	15.0	---			
20	---		0.0	---			11.0	14.5	---			
21	---		0.0	---			12.0	13.5	---			
22	---		0.0	---			11.5	12.5	---			
23	---		0.0	---			12.5	13.5	---			
24	---		0.0	---			13.0	13.5	---			
25	---		0.0	---			13.0	13.5	---			
26	---		0.0	---			11.0	14.0	---			
27	---		0.0	---			10.5	16.0	---			
28	---		0.0	---			12.0	16.0	---			
29	---		0.0	---			13.5	16.0	---			
30	---		0.0	---			13.5	15.5	---			
31	---		0.0	---			---	15.0	---			
MEAN	---		0.0	---			11.0	14.5	---			

Unpublished Records
Subject to Revision

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306405 HELL'S HOLE CAN AT MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395826 LONGITUDE 1090838 DRAINAGE AREA DATUM STATE 49 COUNTY 047

S-5

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	---	---	0	---	.01		0	0			
2	0	---	0	0	---	0		0	0			
3	0	---	0	0	---	0		0	0			
4	0	---	0	0	---	0		0	0			
5	0	---	0	0	---	0		0	0			
6	0	---	0	0	---	0		0	0			
7	0	---	0	---	---	0		0	0			
8	0	---	0	---	---	0		0	---			
9	0	---	0	---	---	0		0	---			
10	0	---	0	---	---	0		.61	---			
11	0	---	0	---	---	0		0	---			
12	0	---	0	---	---	0		0	---			
13	0	---	0	---	---	0		0	---			
14	0	---	0	---	---	0		0	---			
15	0	---	0	---	---	0		0	---			
16	0	---	0	---	---	0		0	---			
17	---	0	0	---	---	0		0	---			
18	---	0	0	---	---	0		0	---			
19	---	0	0	---	---	0		0	---			
20	---	0	0	---	---	0		0	---			
21	---	0	0	---	---	0		0	---			
22	---	0	0	---	---	0		.16	---			
23	---	0	0	---	---	0		.01	---			
24	---	0	0	---	0	0		0	---			
25	---	---	0	---	0	0		0	---			
26	---	---	0	---	0	0		0	---			
27	---	---	0	---	.39	0		0	---			
28	---	---	0	---	.13	0		0	---			
29	---	---	0	---	.11	0		0	---			
30	---	---	0	---	---	0		0	---			
31	---	---	0	---	---	0	---	0	---			
TOTAL	---	---	---	---	---	.01	0	.78	---			
MEAN	---	---	---	---	---	.0003	0	.025	---			
MAX	---	---	---	---	---	.01	0	.61	---			
MIN	---	---	---	---	---	0	0	0	---			
AC-FT	---	---	---	---	---	.02	0	1.5	---			

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306405 HELL'S HOLE CAN AT MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395826 LONGITUDE 1090838 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0			---	2010	2000			
2	0	0	0	0			---	2010	2000			
3	0	0	0	0			---	2010	2000			
4	0	0	0	0			---	2010	2000			
5	0	0	0	0			---	2010	2000			
6	0	0	0	0			2020	2010	---			
7	0	0	0	---			2020	2000	---			
8	0	0	0	---			2020	2000	---			
9	0	0	0	---			2020	2000	---			
10	0	0	0	---			2020	2000	---			
11	0	0	0	---			2020	2010	---			
12	0	0	0	---			2020	1990	---			
13	0	0	0	---			2020	1990	---			
14	0	0	0	---			2020	1990	---			
15	0	0	0	---			2020	1990	---			
16	0	0	0	---			2020	1990	---			
17	0	0	0	---			2020	1990	---			
18	0	0	0	---			2020	1990	---			
19	0	0	0	---			2010	1990	---			
20	0	0	0	---			2010	1990	---			
21	0	0	0	---			2010	2000	---			
22	0	0	0	---			2010	2000	---			
23	0	0	0	---			2010	2000	---			
24	0	0	0	---			2010	2020	---			
25	0	0	0	---			2010	2000	---			
26	0	0	0	---			2010	2000	---			
27	0	0	0	---			2010	2000	---			
28	0	0	0	---			2010	2000	---			
29	0	0	0	---			2010	2000	---			
30	0	0	0	---			2010	2000	---			
31	0	---	0	---			---	2000	---			
MEAN	0	0	0	---			2020	2000	---			

Unpublished Records
Subject to Revision

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306405 HELL'S HOLE CAN AT MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395826 LONGITUDE 1090838 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0				---	14.0	20.5			
2	0.0	0.0	0.0				---	15.5	21.0			
3	0.0	0.0	0.0				---	16.0	20.5			
4	0.0	0.0	0.0				---	18.0	21.5			
5	0.0	0.0	0.0				---	17.0	22.0			
6	0.0	0.0	0.0				9.5	11.5	22.5			
7	0.0	0.0	0.0				12.0	13.5	21.5			
8	0.0	0.0	0.0				13.0	12.0	---			
9	0.0	0.0	0.0				13.5	17.5	---			
10	0.0	0.0	0.0				12.5	10.5	---			
11	0.0	0.0	0.0				14.0	13.0	---			
12	0.0	0.0	0.0				12.0	11.5	---			
13	0.0	0.0	0.0				11.0	15.5	---			
14	0.0	0.0	0.0				8.5	20.0	---			
15	0.0	0.0	0.0				9.0	16.5	---			
16	0.0	0.0	0.0				2.5	15.0	---			
17	0.0	0.0	0.0				---	18.0	---			
18	0.0	0.0	0.0				6.5	20.5	---			
19	0.0	0.0	0.0				11.0	18.0	---			
20	0.0	0.0	0.0				12.5	19.0	---			
21	0.0	0.0	0.0				14.0	14.0	---			
22	0.0	0.0	0.0				12.5	13.0	---			
23	0.0	0.0	0.0				15.5	13.5	---			
24	0.0	0.0	0.0				13.5	15.0	---			
25	0.0	0.0	0.0				11.5	13.0	---			
26	0.0	0.0	0.0				5.0	15.0	---			
27	0.0	0.0	0.0				9.5	18.0	---			
28	0.0	0.0	0.0				12.5	18.5	---			
29	0.0	0.0	0.0				14.5	18.5	---			
30	0.0	0.0	0.0				13.5	16.0	---			
31	0.0	---	0.0				---	18.5	---			
MEAN	0.0	0.0	0.0				11.0	15.5	---			

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306415 EVACUATION CR BLW PARK CAN NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395054 LONGITUDE 1090748 DRAINAGE AREA DATUM STATE 49 COUNTY 047

S-7

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.28	0	.15	0								
2	.28	---	.12	0								
3	.28	---	.08	0								
4	.29	---	.06	0								
5	.30	.13	.06	0								
6	.24	.09	.06	0								
7	.29	.09	.06	0								
8	.37	.06	.06	0								
9	.28	.05	.04	0								
10	.27	.08	.03	0								
11	.26	.05	.03	0								
12	.28	.07	.03	0								
13	.33	.06	.03	0								
14	.33	.15	.03	0								
15	.32	.10	.03	---								
16	.29	.01	.03	---								
17	.29	0	.03	---								
18	.29	0	.02	---								
19	.28	0	0	---								
20	.28	.12	0	---								
21	.28	.25	0	---								
22	.40	.42	0	---								
23	.70	.40	0	---								
24	.51	.40	0	---								
25	.44	.38	0	---								
26	.30	.34	0	---								
27	.25	.27	0	---								
28	.25	.24	0	---								
29	.23	.21	0	---								
30	.08	.18	0	---								
31	0	---	0	---								
TOTAL	9.27	---	.95	---								
MEAN	.30	---	.031	---								
MAX	.70	---	.15	---								
MIN	0	---	0	---								
AC-FT	18	---	1.9	---								

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306415 EVACUATION CR BLW PARK CAN NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395054 LONGITUDE 1090748 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2980	3010	3010	6950								
2	2960	3040	2940	6940								
3	2960	3050	3010	7150								
4	2980	3060	3100	7110								
5	2980	3090	3160	6940								
6	2990	3090	3160	6920								
7	3390	3100	3150	6650								
8	3440	3090	3150	6880								
9	3150	3100	3140	7250								
10	3200	3080	3030	7430								
11	3260	3150	3020	---								
12	3260	3410	3020	---								
13	3240	3420	3030	---								
14	3160	3210	3050	---								
15	3110	2990	3110	---								
16	3140	2980	3250	---								
17	3150	2980	3390	---								
18	3170	2980	3470	---								
19	3160	2950	3710	---								
20	3130	3090	3710	---								
21	3100	3270	3660	---								
22	3120	3640	4320	---								
23	2590	3480	4390	---								
24	2740	3160	4470	---								
25	2980	3090	4870	---								
26	2970	3350	5130	---								
27	3030	3150	4990	---								
28	3020	3010	4920	---								
29	3020	2990	4980	---								
30	3000	3120	5350	---								
31	2930	---	6270	---								
MEAN	3060	3140	3770	---								

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306415 EVACUATION CR BLW PARK CAN NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395054 LONGITUDE 1090748 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.5	5.5	0.0	-0.5								
2	8.5	5.5	0.5	-0.5								
3	9.0	5.5	1.0	-1.0								
4	9.5	5.0	0.5	-1.0								
5	10.5	7.0	0.0	-1.0								
6	10.0	5.0	0.5	-1.0								
7	9.5	6.0	1.0	-1.0								
8	10.0	6.5	0.5	-1.0								
9	6.5	3.0	0.0	-1.0								
10	8.0	1.5	0.0	-1.0								
11	8.5	1.0	0.0	-1.0								
12	8.5	0.5	0.0	-1.0								
13	7.5	0.0	0.5	-1.0								
14	6.5	0.0	0.5	-1.0								
15	6.5	1.5	0.5	---								
16	6.0	1.5	0.0	---								
17	7.0	2.0	0.0	---								
18	7.5	2.0	0.0	---								
19	7.0	1.5	0.0	---								
20	6.0	0.5	-0.5	---								
21	6.0	0.0	-0.5	---								
22	6.5	0.0	-0.5	---								
23	2.5	0.0	-0.5	---								
24	3.5	0.0	-0.5	---								
25	2.5	0.0	-0.5	---								
26	6.0	0.0	-0.5	---								
27	5.0	0.0	-0.5	---								
28	5.0	0.0	-0.5	---								
29	5.0	0.0	-0.5	---								
30	4.5	0.0	-0.5	---								
31	7.0	---	-0.5	---								
MEAN	7.0	2.0	0.0	---								

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-19-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306417 THIMBLE ROCK CAN NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 394930 LONGITUDE 1090937 DRAINAGE AREA DATUM STATE 49 COUNTY 047

5-15

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				0								
2				0								
3				0								
4				0								
5				0								
6				0								
7				---								
8				---								
9				---								
10				---								
11				---								
12				---								
13				---								
14				---								
15				---								
16				---								
17				---								
18				---								
19				---								
20				---								
21				---								
22				---								
23				---								
24				---								
25				---								
26				---								
27				---								
28				---								
29				---								
30				---								
31		---		---								
TOTAL	0	0	0	---								
MEAN	0	0	0	---								
MAX	0	0	0	---								
MIN	0	0	0	---								
AC-FT	0	0	0	---								

Unpublished Records
Surface Water

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306417 THIMBLE ROCK CAN NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 394930 LONGITUDE 1090937 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	---	0									
2	0	---	0									
3	0	---	---									
4	0	---	---									
5	0	---	---									
6	0	---	---									
7	0	---	---									
8	0	---	---									
9	0	---	---									
10	0	---	---									
11	0	---	---									
12	0	---	---									
13	0	---	---									
14	0	---	---									
15	0	---	---									
16	0	---	---									
17	0	---	---									
18	0	---	---									
19	0	---	---									
20	0	---	---									
21	0	---	---									
22	0	---	---									
23	0	---	---									
24	0	---	---									
25	0	---	---									
26	0	---	---									
27	0	---	---									
28	0	0	---									
29	0	---	---									
30	0	---	---									
31	0	---	---									
MEAN	0	---	---									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306417 THIMBLE ROCK CAN NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 394930 LONGITUDE 1090937 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.0	---	-1.0									
2	9.0	---	-1.5									
3	13.5	---	---									
4	13.5	---	-1.0									
5	15.5	---	---									
6	14.0	---	---									
7	5.5	---	---									
8	0.0	---	---									
9	8.5	---	---									
10	9.5	---	-0.5									
11	13.5	---	-2.0									
12	13.0	---	---									
13	5.5	---	---									
14	5.0	---	---									
15	3.5	---	---									
16	5.0	---	---									
17	6.0	---	---									
18	6.5	---	---									
19	5.5	---	---									
20	5.0	---	---									
21	7.5	---	---									
22	10.0	---	---									
23	0.5	---	---									
24	---	---	---									
25	---	---	---									
26	---	---	---									
27	---	---	---									
28	---	-1.5	---									
29	---	---	---									
30	---	---	---									
31	---	---	---									
MEAN	---	---	---									

Unpublished Records
Subject to Revision

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306420 EVACUATION CREEK AT WATSON UTAH STREAM SOURCE AGENCY USGS
LATITUDE 395258 LONGITUDE 1090924 DRAINAGE AREA DATUM STATE 49 COUNTY 047

S-6

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.02	.07	.05	.02	.03	1.9	2.1	1.0	.91	0		
2	.02	.02	.05	.11	.10	1.5	2.0	.80	.47	.07		
3	.03	.01	.07	.05	.04	.74	2.1	.68	.35	.14		
4	.03	.02	.09	.03	.05	.73	2.0	.56	.23	.02		
5	.03	.02	.07	.03	.11	.75	2.2	.51	.11	.01		
6	.03	.08	.06	.04	.30	.92	2.2	.72	.08	.01		
7	.03	.06	.05	.05	.14	1.5	1.7	.62	.06	---		
8	.03	.09	.05	.09	.08	1.2	1.5	1.1	.04	---		
9	.02	.08	.08	.12	55	1.4	1.2	12	.02	---		
10	.01	.07	.05	.10	61	1.7	1.2	8.1	.06	---		
11	.01	.06	.06	.11	19	2.7	1.2	3.7	.13	---		
12	.01	.03	.06	.10	11	2.6	1.2	3.2	.12	---		
13	.02	.02	.06	.11	9.6	1.9	1.2	2.8	.11	---		
14	.03	.04	.06	.19	6.3	2.3	1.7	2.7	.10	---		
15	.05	.11	.06	.05	4.1	2.3	1.9	2.4	.06	---		
16	.05	.10	.06	.04	3.7	2.2	2.4	2.5	.05	---		
17	.03	.08	.08	.04	3.0	2.9	3.1	2.8	.03	---		
18	.03	.05	.06	.04	2.6	3.4	3.6	2.8	.03	---		
19	.03	.04	.05	.04	3.0	3.5	4.1	2.7	.02	---		
20	.02	.03	.05	.05	2.9	1.8	3.7	2.5	.01	---		
21	.02	.08	.05	.03	1.9	1.8	3.0	2.6	0	---		
22	.03	.05	.06	.04	2.4	2.2	2.8	4.9	.06	---		
23	.53	.05	.06	.03	2.4	2.2	2.5	4.4	.21	---		
24	.20	.08	.06	.03	1.6	2.2	2.2	3.8	.05	---		
25	.04	.07	.05	.05	1.4	2.4	1.9	3.2	.02	---		
26	.05	.05	.05	.15	1.4	2.4	2.3	2.6	0	---		
27	.04	.05	.05	.21	1.7	2.1	2.0	2.2	0	---		
28	.03	.05	.05	.12	1.3	2.0	1.7	1.7	0	---		
29	.02	.05	.05	.09	1.4	1.8	1.2	1.2	0	---		
30	.01	.05	.04	.01	---	2.3	1.1	1.1	0	---		
31	.41	---	.01	.02	---	2.0	---	1.3	---	---		
TOTAL	1.91	1.66	1.75	2.19	197.55	61.34	63.0	83.19	3.33	---		
MEAN	.062	.055	.057	.071	6.81	1.98	2.10	2.68	.11	---		
MAX	.53	.11	.09	.21	61	3.5	4.1	12	.91	---		
MIN	.01	.01	.01	.01	.03	.73	1.1	.51	0	---		
AC-FT	3.8	3.3	3.5	4.3	392	122	125	165	6.6	---		

Unpublished-Records
Subject to Revision

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306420 EVACUATION CREEK AT WATSON UTAH STREAM SOURCE AGENCY USGS
LATITUDE 395258 LONGITUDE 1090924 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5300	4610	5210	---	2470	925						
2	5290	4820	5320	---	2490	916						
3	5280	4900	5240	---	2490	878						
4	5270	4870	5090	---	2430	850						
5	5280	4930	5230	---	2590	---						
6	5280	---	4820	---	2540	---						
7	6350	---	4960	---	2460	---						
8	6480	---	5060	---	2430	---						
9	5530	---	5110	---	1790	---						
10	5380	---	5140	---	---	---						
11	5330	5100	4930	---	---	---						
12	5570	5510	4790	---	425	---						
13	5690	5400	4660	---	450	---						
14	5410	5350	4820	---	456	---						
15	5370	4990	5070	2660	480	---						
16	5350	4940	5080	2660	315	---						
17	5340	4530	5100	2680	228	---						
18	5330	4940	---	2680	247	---						
19	5330	4950	---	2690	469	---						
20	5330	5060	---	2710	890	---						
21	5330	4930	---	2660	1180	---						
22	5490	5060	---	1690	1290	---						
23	3900	4990	---	1710	1340	---						
24	3670	5080	---	2710	1350	---						
25	3140	5240	---	2720	1350	---						
26	4700	5470	---	2450	1110	---						
27	5180	5320	---	2720	884	---						
28	5200	5190	---	2710	905	---						
29	5280	5230	---	2570	909	---						
30	5330	5260	---	2460	---	---						
31	3740	---	---	2470	---	---						
MEAN	5180	5070	---	---	1330	---						

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306420 EVACUATION CREEK AT WATSON UTAH STREAM SOURCE AGENCY USGS
LATITUDE 395258 LONGITUDE 1090924 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		---	---	4.5	1.0	2.5	---	11.5	14.5			
2		---	---	4.0	1.0	2.0	---	12.5	15.0			
3		---	---	4.0	1.0	1.0	---	12.5	14.0			
4		---	1.0	4.0	1.5	0.5	---	13.5	15.5			
5		---	1.0	4.0	0.5	---	---	13.5	15.5			
6		---	1.0	4.5	0.0	---	---	11.5	15.0			
7		---	1.0	4.5	0.0	---	---	13.0	15.0			
8		---	1.0	2.5	0.0	---	---	12.0	15.5			
9		---	0.5	0.5	0.0	---	---	15.5	16.0			
10		---	0.5	0.5	-0.5	---	---	9.5	13.0			
11		2.5	1.0	0.5	-0.5	---	---	---	---			
12		2.0	0.5	0.5	-0.5	---	---	---	---			
13		1.5	0.5	0.0	0.0	---	10.5	---	---			
14		1.5	0.0	0.0	0.0	---	8.5	21.0	---			
15		2.5	0.0	0.0	0.0	---	9.0	13.5	---			
16		1.0	-0.5	0.5	0.0	---	---	13.0	---			
17		1.0	-1.5	0.5	0.0	---	---	15.5	---			
18		1.0	-1.5	0.5	0.5	---	---	16.5	---			
19		1.0	-0.5	0.5	0.5	---	---	15.0	---			
20		1.0	-1.0	0.0	0.0	---	14.0	15.0	---			
21		---	-1.0	0.0	0.0	---	10.5	13.5	---			
22		---	-0.5	0.0	0.0	---	8.5	13.0	---			
23		---	0.0	0.5	0.0	---	11.0	16.0	---			
24		---	-0.5	1.5	0.0	---	10.0	15.5	---			
25		---	0.5	0.5	0.5	---	9.5	14.0	---			
26		---	1.0	0.5	1.0	---	8.5	14.0	---			
27		---	3.0	0.5	1.5	---	9.0	14.5	---			
28		---	1.5	1.0	1.0	---	10.5	15.0	---			
29		---	0.5	1.0	2.0	---	11.0	14.0	---			
30		---	3.5	1.5	---	---	11.5	13.0	---			
31		---	5.0	1.0	---	---	---	15.0	---			
MEAN		---	0.5	1.5	0.5	---	---	14.0	---			

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306425 EVACUATION CR TRIBUTARY NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395400 LONGITUDE 1090920 DRAINAGE AREA DATUM STATE 49 COUNTY 047

S-8

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	---	---									
2	0	---	---									
3	0	---	---									
4	0	---	0									
5	0	---	0									
6	0	---	0									
7	0	---	0									
8	0	---	0									
9	0	---	0									
10	---	---	0									
11	---	0	0									
12	---	0	0									
13	---	0	0									
14	---	0	0									
15	---	---	---									
16	---	---	---									
17	---	---	0									
18	---	---	---									
19	---	---	---									
20	---	---	---									
21	---	---	---									
22	---	---	---									
23	---	---	---									
24	---	---	---									
25	---	---	---									
26	---	---	---									
27	---	---	---									
28	---	---	---									
29	---	---	---									
30	---	---	---									
31	---	---	---									
TOTAL	---	---	---	---								
MEAN	---	---	---	---								
MAX	---	---	---	---								
MIN	---	---	---	---								
AC-FT	---	---	---	---								

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306425 EVACUATION CR TRIBUTARY NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395400 LONGITUDE 1090920 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
MEAN												

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306425 EVACUATION CR TRIBUTARY NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395400 LONGITUDE 1090920 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	-4.0								
2	0.0	0.0	0.0	-3.0								
3	0.0	0.0	0.0	-3.0								
4	0.0	0.0	0.5	-3.0								
5	0.0	0.0	1.0	-4.5								
6	0.0	0.0	3.0	-1.5								
7	0.0	0.0	-1.0	-3.5								
8	0.0	0.0	-0.5	-4.0								
9	0.0	0.0	-2.0	-3.5								
10	0.0	0.0	-3.0	-0.5								
11	0.0	0.0	-1.0	-1.5								
12	0.0	0.0	0.5	-2.0								
13	0.0	0.0	1.0	-1.0								
14	0.0	0.0	-1.5	0.0								
15	0.0	0.0	-3.0	---								
16	0.0	0.0	-2.5	---								
17	0.0	0.0	-2.5	---								
18	0.0	0.0	-1.5	---								
19	0.0	0.0	-2.0	---								
20	0.0	0.0	-2.0	---								
21	0.0	0.0	-3.5	---								
22	0.0	0.0	-2.0	---								
23	0.0	0.0	-4.5	---								
24	0.0	0.0	-3.0	---								
25	0.0	0.0	-1.5	---								
26	0.0	0.0	-2.0	---								
27	0.0	0.0	-1.0	---								
28	0.0	0.0	-1.5	---								
29	0.0	0.0	-3.0	---								
30	0.0	0.0	-1.5	---								
31	0.0	---	-4.0	---								
MEAN	0.0	0.0	-1.5	---								

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306430 EVACUATION CR NR MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395704 LONGITUDE 1090931 DRAINAGE AREA DATUM STATE 49 COUNTY 047

S-2

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	.06	.06	.03	6.5	1.2	1.6	1.6	1.0			
2	0	.07	.05	.03	.58	.83	1.7	1.2	.54			
3	0	.07	.05	.02	.24	.45	1.7	1.1	.54			
4	0	.07	.05	.02	.30	.47	1.8	1.2	.54			
5	0	.07	.05	.02	.50	.41	1.8	1.6	.54			
6	0	.07	.05	.02	1.5	.47	2.0	3.0	.51			
7	.01	.07	.04	.02	4.5	.47	2.1	4.7	.47			
8	.03	.07	.04	.12	20	.45	2.1	7.7	---			
9	.04	.07	.05	.11	54	.47	1.7	12	---			
10	.04	.07	.04	.12	186	.49	1.4	53	---			
11	.04	.07	.04	.09	95	1.2	1.2	.59	---			
12	.05	.07	.04	.09	72	.70	1.3	.44	---			
13	.05	.07	.04	.08	46	.69	1.4	.56	---			
14	.05	.07	.03	.08	9.8	.99	1.5	.68	---			
15	.05	.07	.04	.07	2.9	1.0	1.7	.60	---			
16	.06	.07	.03	.07	4.3	1.2	1.6	.65	---			
17	.07	.07	.03	.06	3.2	1.5	1.8	.81	---			
18	.70	.08	.03	.06	2.6	1.9	1.9	1.1	---			
19	.40	.08	.03	.05	1.7	2.5	2.6	1.3	---			
20	.20	.08	.04	.06	.42	1.4	2.6	1.6	---			
21	.06	.08	.03	.04	.30	1.4	1.7	2.3	---			
22	.06	.08	.02	.04	.41	1.7	1.5	3.2	---			
23	---	.07	.02	.08	.38	2.2	1.4	2.9	---			
24	---	.07	.04	.14	.26	1.9	1.3	2.6	---			
25	---	.06	.05	.24	.54	2.5	1.2	2.5	---			
26	---	.06	.06	.51	.36	1.8	1.8	1.8	---			
27	---	.06	.09	1.1	.69	1.9	1.9	1.1	---			
28	---	.07	.10	1.8	.62	1.8	1.4	1.1	---			
29	---	.06	.08	2.4	.78	1.5	1.1	.85	---			
30	---	.06	.05	3.9	---	1.3	1.4	.72	---			
31	---	---	.04	6.2	---	1.4	---	1.2	---			
TOTAL	---	2.09	1.41	17.67	516.38	38.19	50.2	115.70	---			
MEAN	---	.070	.046	.57	17.8	1.23	1.67	3.73	---			
MAX	---	.08	.10	6.2	186	2.5	2.6	53	---			
MIN	---	.06	.02	.02	.24	.41	1.1	.44	---			
AC-FT	---	4.1	2.8	35	1020	76	100	229	---			

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306430 EVACUATION CR NR MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395704 LONGITUDE 1090931 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	4770	4650	4780	2910	---	3380	3720			
2	---	---	4780	4680	4980	2890	---	3240	3630			
3	---	---	4670	4660	4800	3030	---	3190	3600			
4	---	---	4560	4670	4740	---	---	3830	4110			
5	---	4730	4540	4650	4760	---	---	4400	4200			
6	---	4730	4520	4620	4770	---	3210	3900	4140			
7	5290	4690	4560	4650	4720	---	3190	3320	4080			
8	4970	4630	4560	4620	4710	---	3240	3220	---			
9	4740	4670	4560	4630	3940	---	3240	2500	---			
10	4630	4640	4550	4620	467	---	3210	1540	---			
11	---	4710	4540	4640	366	---	3210	2950	---			
12	---	4740	4510	4620	396	---	3670	3870	---			
13	---	4750	4470	4640	420	---	3830	4260	---			
14	---	4730	4580	4670	471	---	3690	4220	---			
15	---	4740	4720	4630	934	---	3640	4240	---			
16	---	4740	4720	4620	1180	---	3540	4270	---			
17	4710	2700	4680	4630	1230	---	3460	4140	---			
18	---	2760	4660	4620	1250	---	3370	3900	---			
19	---	4620	4690	4630	1530	---	3330	3700	---			
20	---	4840	4720	4650	2060	---	3150	3060	---			
21	---	4790	4740	4660	2110	---	2920	2380	---			
22	---	4820	4770	4670	2110	---	2990	1910	---			
23	---	4820	4700	4660	3000	---	3650	1860	---			
24	---	4800	4660	4640	4100	---	4050	1870	---			
25	---	4830	4630	4680	3850	---	3710	1790	---			
26	---	4940	4630	4670	3340	---	3510	2490	---			
27	---	4850	4640	4650	2840	---	3410	3380	---			
28	---	4790	4670	4640	2770	---	3370	4060	---			
29	---	4810	4670	4660	2860	---	3470	4090	---			
30	---	4820	4630	4640	---	---	3920	4100	---			
31	---	---	4590	4650	---	---	---	3980	---			
MEAN	---	4610	4640	4650	2740	---	3440	3320	---			

Unpublished Records
Subject to Revision

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306430 EVACUATION CR NR MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395704 LONGITUDE 1090931 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.5	---	1.0	0.5	1.0	4.5	---	11.5	15.0			
2	10.5	---	1.0	0.0	1.0	3.0	---	12.5	14.5			
3	11.0	---	1.5	0.5	0.5	2.0	---	12.0	13.5			
4	11.0	---	1.5	0.5	1.0	---	---	13.0	14.5			
5	12.0	8.0	2.0	0.5	1.0	---	---	---	15.0			
6	11.0	6.0	3.0	1.0	0.5	---	7.5	12.0	15.0			
7	11.0	7.0	1.5	0.5	1.0	---	7.5	13.5	13.5			
8	8.5	7.5	2.0	0.5	1.0	---	9.0	12.5	---			
9	8.5	4.5	1.5	0.5	2.0	---	9.5	15.0	---			
10	9.5	3.0	1.5	1.0	0.0	---	9.0	14.0	---			
11	9.5	2.5	2.0	0.5	0.0	---	9.5	13.5	---			
12	9.0	2.0	2.5	0.5	0.0	---	9.0	11.5	---			
13	8.0	1.5	2.0	0.5	0.0	---	8.5	14.0	---			
14	8.0	2.0	0.5	0.0	0.0	---	8.5	15.5	---			
15	7.5	3.0	0.0	0.5	0.0	---	9.0	13.0	---			
16	8.0	3.0	0.0	0.5	0.5	---	9.0	13.5	---			
17	8.5	2.5	0.0	0.5	0.5	---	8.5	15.0	---			
18	8.5	---	0.0	1.0	1.0	---	8.5	15.5	---			
19	8.5	3.0	0.0	0.5	1.5	---	9.5	14.5	---			
20	7.5	1.0	0.0	0.5	1.0	---	10.0	15.5	---			
21	7.5	2.0	0.5	0.0	0.5	---	10.5	14.0	---			
22	7.0	1.0	0.5	0.0	1.0	---	9.5	13.5	---			
23	4.5	1.0	0.5	0.0	1.5	---	11.5	16.5	---			
24	4.5	1.0	0.5	1.0	2.5	---	10.5	15.5	---			
25	4.0	0.5	1.0	0.5	3.0	---	10.0	14.0	---			
26	---	0.0	0.5	0.0	3.0	---	8.0	15.5	---			
27	---	0.5	0.5	0.5	4.0	---	9.5	15.5	---			
28	---	0.5	0.0	0.5	3.0	---	10.5	15.0	---			
29	---	-0.5	0.0	0.5	3.5	---	12.0	14.5	---			
30	---	0.0	0.5	1.0	---	---	11.0	13.5	---			
31	---	---	1.0	1.0	---	---	---	15.5	---			
MEAN	8.5	2.5	1.0	0.5	1.0	---	9.5	14.0	---			

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306500 WHITE R NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395846 LONGITUDE 1091041 DRAINAGE AREA 4020.00 DATUM 4946.78 STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	721	723	573	622	542	718	985	711	277	644		
2	720	728	619	614	532	675	977	632	297	---		
3	716	733	606	605	534	620	965	615	296	---		
4	721	709	564	584	536	690	951	---	290	---		
5	725	705	556	578	541	681	921	505	291	---		
6	722	---	553	585	539	714	916	505	286	---		
7	721	---	550	610	533	732	887	523	298	---		
8	728	---	574	598	528	722	870	541	315	---		
9	730	---	566	570	533	678	867	548	349	---		
10	732	---	573	554	529	650	897	528	338	---		
11	734	701	544	552	535	656	912	---	327	---		
12	726	708	525	557	488	682	872	487	323	---		
13	731	721	522	557	541	702	836	458	326	---		
14	736	712	515	562	614	746	---	446	322	---		
15	737	720	533	611	685	787	791	449	339	---		
16	734	738	549	620	699	766	801	404	362	---		
17	711	713	558	618	722	653	802	379	375	---		
18	700	701	566	650	691	781	795	380	385	---		
19	706	709	603	636	672	885	808	370	391	---		
20	708	695	652	615	738	748	831	357	394	---		
21	711	624	658	618	772	769	892	350	408	---		
22	713	699	703	628	765	831	903	347	490	---		
23	713	693	700	632	671	---	872	357	688	---		
24	718	672	700	638	614	934	849	354	548	---		
25	706	685	700	648	769	987	821	372	515	---		
26	710	629	678	625	800	978	782	395	521	---		
27	731	578	645	592	740	981	774	409	554	---		
28	763	553	630	570	745	1010	759	411	---	---		
29	---	562	625	583	760	1010	748	344	---	---		
30	747	554	622	636	---	1000	747	294	5620	---		
31	705	---	622	597	---	975	---	280	---	---		
MEAN	723	679	599	602	633	792	856	440	569	---		

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306500 WHITE R NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395846 LONGITUDE 1091041 DRAINAGE AREA 4020.00 DATUM 4946.78 STATE 49 COUNTY 047

S-3

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	431	509	305	200	300	900	393	662	1700	555		
2	433	501	336	200	300	900	413	673	1550	---		
3	433	492	400	200	300	900	425	726	1670	---		
4	445	473	400	200	300	750	435	839	1730	---		
5	445	483	400	200	300	600	461	873	1780	---		
6	432	478	400	200	300	600	528	849	1750	---		
7	423	469	400	200	300	600	575	836	1830	---		
8	427	471	400	200	300	600	544	817	1770	---		
9	434	472	400	200	300	600	522	804	1660	---		
10	443	476	400	200	300	600	481	784	1560	---		
11	427	459	400	200	400	500	503	775	1550	---		
12	412	445	400	200	400	500	517	1080	1450	---		
13	408	430	400	200	400	500	539	1250	1230	---		
14	411	384	350	200	400	500	594	1250	1120	---		
15	445	402	350	200	400	500	569	1250	1090	---		
16	449	413	300	250	500	500	541	1250	996	---		
17	446	411	300	250	500	500	542	1270	878	---		
18	442	408	300	250	500	600	546	1620	854	---		
19	441	408	300	250	500	600	553	1930	882	---		
20	446	392	300	250	500	600	571	1990	806	---		
21	436	388	250	250	600	600	522	2130	724	---		
22	433	390	250	250	600	577	494	2130	744	---		
23	472	390	250	250	600	578	484	2110	804	---		
24	474	390	250	250	600	579	497	1990	994	---		
25	476	390	250	250	600	553	522	1890	903	---		
26	463	390	200	250	750	545	528	1700	783	---		
27	443	276	200	250	900	487	560	1490	713	---		
28	499	297	200	250	900	451	559	1470	664	---		
29	471	405	200	250	900	432	537	1590	607	---		
30	452	405	200	250	---	428	580	1760	582	---		
31	475	---	200	250	---	399	---	1850	---	---		
TOTAL	13767	12697	9691	7000	13950	17979	15535	41638	35374	---		
MEAN	444	423	313	226	481	580	518	1343	1179	---		
MAX	499	509	400	250	900	900	594	2130	1830	---		
MIN	408	276	200	200	300	399	393	662	582	---		
AC-FT	27310	25180	19220	13880	27670	35660	30810	82590	70160	---		

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306500 WHITE R NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395846 LONGITUDE 1091041 DRAINAGE AREA 4020.00 DATUM 4946.78 STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.5	---	1.0	0.0	-0.5	0.0	8.5	14.0	15.5	21.0		
2	12.0	---	0.0	0.0	-0.5	-0.5	9.0	14.5	16.5	---		
3	12.0	---	0.0	0.0	-0.5	-0.5	9.5	14.5	16.5	---		
4	12.0	---	0.0	0.0	-0.5	-0.5	10.5	14.5	16.0	---		
5	12.5	---	0.0	0.0	-0.5	-0.5	9.5	14.0	16.5	---		
6	14.0	---	0.0	0.0	-0.5	-0.5	8.0	13.5	17.0	---		
7	13.0	---	0.0	0.0	-0.5	-0.5	8.5	13.5	17.0	---		
8	11.0	---	0.0	0.0	-0.5	-0.5	9.5	13.0	17.0	---		
9	10.0	---	0.0	0.0	-0.5	-0.5	10.5	14.5	18.0	---		
10	10.5	---	0.5	0.0	-0.5	-0.5	11.0	14.5	18.0	---		
11	11.0	---	0.5	0.0	-0.5	-0.5	11.5	15.0	16.0	---		
12	11.0	2.0	0.0	0.0	-0.5	-0.5	11.5	14.0	15.5	---		
13	10.5	1.0	0.0	0.0	-0.5	-0.5	11.0	14.0	15.5	---		
14	9.5	0.5	0.0	0.0	-0.5	-0.5	9.5	15.5	14.0	---		
15	8.5	1.0	0.0	-0.5	-0.5	-0.5	10.0	15.5	15.0	---		
16	8.5	1.0	0.0	-0.5	-0.5	-0.5	10.5	14.0	15.0	---		
17	9.0	2.0	0.0	-0.5	-0.5	0.0	10.5	14.5	15.0	---		
18	9.5	2.5	0.0	-0.5	-0.5	1.0	10.0	15.5	16.5	---		
19	9.5	2.5	0.0	-0.5	-0.5	0.5	10.5	15.0	17.5	---		
20	9.0	0.5	0.0	-0.5	-0.5	0.5	11.0	14.5	19.0	---		
21	8.5	0.0	0.0	-0.5	-0.5	1.0	12.0	13.5	19.5	---		
22	8.5	0.0	0.0	-0.5	-0.5	1.5	11.5	12.5	18.5	---		
23	6.0	0.0	0.0	-0.5	-0.5	9.0	12.5	13.5	18.0	---		
24	5.0	1.0	0.0	-0.5	-0.5	16.0	12.5	13.5	17.5	---		
25	3.5	1.5	0.0	-0.5	-0.5	19.0	12.5	13.5	17.5	---		
26	5.0	1.5	0.0	-0.5	-0.5	18.5	10.5	14.0	18.5	---		
27	5.0	1.5	0.0	-0.5	-0.5	20.0	10.5	16.0	20.0	---		
28	5.0	1.5	0.0	-0.5	-0.5	21.0	12.0	16.5	21.5	---		
29	4.0	1.5	0.0	-0.5	-0.5	11.0	13.5	16.0	---	---		
30	---	1.5	0.0	-0.5	---	6.5	13.5	15.5	---	---		
31	---	---	0.0	-0.5	---	7.5	---	15.0	---	---		
MEAN	9.0	---	0.0	-0.5	-0.5	4.0	10.5	14.5	17.0	---		

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

Subject to revision

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306600 WHITE R ABV SOUTHAM CAN NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395715 LONGITUDE 1091528 DRAINAGE AREA DATUM STATE 49 COUNTY 047

S-4

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	441	495	320	450				---	1670			
2	445	505	320	450				---	1680			
3	435	490	320	450				---	1690			
4	435	480	320	450				---	1680			
5	431	485	335	450				1060	---			
6	414	480	350	450				1140	---			
7	403	475	350	---				1200	---			
8	410	475	350	---				1240	---			
9	430	475	350	---				1290	---			
10	450	475	350	---				1300	---			
11	430	470	350	---				1260	---			
12	415	455	350	---				1330	---			
13	410	445	350	---				1430	---			
14	415	400	350	---				1360	---			
15	435	400	350	---				1460	---			
16	450	415	350	---				1750	---			
17	450	435	350	---				1770	---			
18	450	450	350	---				1830	---			
19	450	490	350	---				2010	---			
20	450	460	375	---				2090	---			
21	440	400	400	---				2210	---			
22	440	400	400	---				1920	---			
23	460	400	400	---				1780	---			
24	460	400	400	---				1570	---			
25	480	375	425	---				1450	---			
26	475	350	450	---				1490	---			
27	455	350	450	---				1610	---			
28	490	350	450	---				1760	---			
29	475	350	450	---				1770	---			
30	460	350	450	---				1590	---			
31	470	---	450	---				1550	---			
TOTAL	13774	12980	11615	---				---	---			
MEAN	444	433	375	---				---	---			
MAX	490	505	450	---				---	---			
MIN	403	350	320	---				---	---			
AC-FT	27320	25750	23040	---				---	---			

Unpublished Records
Subject to Revision

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306600 WHITE R ABV SOUTHAM CAN NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395715 LONGITUDE 1091528 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	695	---	371	---			---	882	---			
2	705	---	853	673			---	848	---			
3	702	---	854	633			---	---	432			
4	704	---	865	---			---	---	416			
5	712	---	854	---			---	---	413			
6	713	---	833	---			---	---	403			
7	712	---	832	---			---	---	406			
8	724	---	826	---			---	---	---			
9	---	---	837	---			---	---	---			
10	---	---	855	---			---	495	---			
11	---	---	866	---			---	494	---			
12	---	---	871	---			---	---	---			
13	---	---	877	---			---	---	---			
14	---	---	879	---			---	---	---			
15	---	---	---	---			---	---	---			
16	---	---	---	---			---	---	---			
17	---	---	---	---			---	---	---			
18	---	---	---	---			---	---	---			
19	---	747	---	---			---	---	---			
20	---	748	---	---			---	---	---			
21	---	737	---	---			---	---	---			
22	---	725	---	---			---	---	---			
23	---	747	---	---			---	---	---			
24	---	780	---	---			---	---	---			
25	---	762	---	---			---	---	---			
26	---	745	---	---			---	---	---			
27	---	---	---	---			---	---	---			
28	---	---	---	---			839	---	---			
29	---	797	---	---			830	---	---			
30	---	808	---	---			868	---	---			
31	---	---	---	---			---	---	---			
MEAN	---	---	---	---			---	---	---			

Subject to Revision

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306600 WHITE R ABV SOUTHAM CAN NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395715 LONGITUDE 1091528 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		---	0.0	0.0			---	13.5				
2		---	---	0.0			---	14.0				
3		---	---	0.0			---	14.0				
4		---	---	0.0			---	14.5				
5		---	---	0.0			---	13.5				
6		---	---	0.0			8.5	---				
7		---	---	---			8.5	---				
8		---	---	---			10.0	---				
9		---	0.5	---			10.5	---				
10		---	0.0	---			11.0	---				
11		---	---	---			11.5	---				
12		---	0.0	---			11.5	---				
13		---	0.0	---			10.5	---				
14		---	0.0	---			10.0	---				
15		---	0.5	---			10.0	---				
16		---	1.5	---			10.5	---				
17		---	---	---			10.5	---				
18		---	---	---			10.5	---				
19		3.0	---	---			11.0	---				
20		1.0	0.0	---			11.5	---				
21		0.5	0.0	---			12.0	---				
22		0.5	0.0	---			11.5	---				
23		0.0	0.0	---			12.5	---				
24		0.0	0.0	---			12.5	---				
25		0.0	0.0	---			12.5	---				
26		0.0	0.0	---			10.5	---				
27		0.0	0.0	---			11.0	---				
28		0.0	0.0	---			12.0	---				
29		0.0	0.0	---			13.5	---				
30		0.0	0.0	---			14.0	---				
31		---	0.0	---			---	---				
MEAN		---	---	---			11.0	---				

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306605 SOUTHAM CAN WASH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395421 LONGITUDE 1091216 DRAINAGE AREA DATUM STATE 49 COUNTY 047

S-9

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			0		0	.02	---			0		
2			0		0	---	---			0		
3			0		0	---	---			0		
4			0		0	---	---			0		
5			0		0	---	---			0		
6			0		0	---	0			0		
7			0		0	---	0			0		
8			0		0	---	0			---		
9			0		0	---	0			---		
10			0		.51	---	0			---		
11			0		1.3	---	0			---		
12			0		1.5	---	0			---		
13			0		1.5	---	0			---		
14			0		.30	---	0			---		
15			0		.14	---	0			---		
16			0		.09	---	0			---		
17			.20		0	---	0			---		
18			0		0	---	0			---		
19			0		0	---	0			---		
20			0		0	---	0			---		
21			0		0	---	0			---		
22			0		0	---	.02			---		
23			0		0	---	.01			---		
24			0		0	---	0			---		
25			0		0	---	0			---		
26			0		.39	---	0			---		
27			0		.21	---	0			---		
28			0		.24	---	0			---		
29			0		.31	---	0			---		
30			0		---	---	0			---		
31		---	0		---	---	---		---	---		
TOTAL	0	0	.20	0	6.49	---	---	0	0	---		
MEAN	0	0	.007	0	.22	---	---	0	0	---		
MAX	0	0	.20	0	1.5	---	---	0	0	---		
MIN	0	0	0	0	0	---	---	0	0	---		
AC-FT	0	0	.4	0	13	---	---	0	0	---		

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306605 SOUTHAM CAN WASH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395421 LONGITUDE 1091216 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1					---	1980						
2					---	---						
3					---	---						
4					---	---						
5					---	---						
6					---	---						
7					---	---						
8					---	---						
9					---	---						
10					---	---						
11					---	---						
12					---	---						
13					---	---						
14					---	---						
15					---	---						
16					---	---						
17					1980	---						
18					1980	---						
19					1980	---						
20					1980	---						
21					1980	---						
22					1980	---						
23					1980	---						
24					1980	---						
25					1980	---						
26					1980	---						
27					1980	---						
28					1980	---						
29					1980	---						
30					---	---						
31					---	---						
MEAN					---	---						

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306605 SOUTHAM CAN WASH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395421 LONGITUDE 1091216 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	---	1.5	---	10.0	20.5			
2	0.0	0.0	0.0	0.0	-3.0	---	---	11.0	21.5			
3	0.0	0.0	0.0	0.0	-3.5	---	---	12.5	23.0			
4	0.0	0.0	0.0	0.0	0.5	---	---	15.0	22.0			
5	0.0	0.0	0.0	0.0	-2.5	---	---	12.5	21.5			
6	0.0	0.0	0.0	-5.0	-4.5	---	5.0	10.5	23.5			
7	0.0	0.0	0.0	-5.0	-4.5	---	5.5	11.5	20.0			
8	0.0	0.0	0.0	-4.5	-3.5	---	6.0	9.5	---			
9	0.0	0.0	0.0	-5.0	-1.0	---	6.5	13.5	---			
10	0.0	0.0	0.0	-4.5	0.0	---	4.0	13.0	---			
11	0.0	0.0	0.0	-5.0	-1.5	---	7.0	15.0	---			
12	0.0	0.0	0.0	-4.5	-0.5	---	9.5	11.5	---			
13	0.0	0.0	0.0	-5.0	0.0	---	8.0	14.5	---			
14	0.0	0.0	0.0	-5.0	0.0	---	6.5	17.5	---			
15	0.0	0.0	0.0	-5.0	-0.5	---	6.0	16.0	---			
16	0.0	0.0	0.0	-4.5	-1.0	---	5.0	14.0	---			
17	0.0	0.0	-5.0	-5.0	-1.5	---	6.0	16.5	---			
18	0.0	0.0	0.0	-4.0	-0.5	---	5.0	18.0	---			
19	0.0	0.0	0.0	-5.0	-2.0	---	7.0	16.5	---			
20	0.0	0.0	0.0	-5.0	-2.0	---	7.0	17.5	---			
21	0.0	0.0	0.0	-5.0	-3.5	---	9.5	13.5	---			
22	0.0	0.0	0.0	-5.0	-4.0	---	10.5	12.0	---			
23	0.0	0.0	0.0	-5.0	-3.5	---	11.0	16.0	---			
24	0.0	0.0	0.0	-4.5	-1.5	---	9.0	13.5	---			
25	0.0	0.0	0.0	-4.0	-1.5	---	9.0	13.0	---			
26	0.0	0.0	0.0	-4.5	0.0	---	4.0	16.0	---			
27	0.0	0.0	0.0	-4.5	-0.5	---	5.0	18.0	---			
28	0.0	0.0	0.0	---	0.0	---	7.0	20.0	---			
29	0.0	0.0	0.0	---	1.0	---	10.5	17.5	---			
30	0.0	0.0	0.0	---	---	---	10.5	13.5	---			
31	0.0	---	0.0	---	---	---	---	17.0	---			
MEAN	0.0	0.0	0.0	-4.0	-1.5	---	7.0	14.5	---			

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306610 SOUTHAM CAN WASH AT MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395650 LONGITUDE 1091406 DRAINAGE AREA DATUM STATE 49 COUNTY 047

S-13

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			0	0	0				0	0		
2			0	0	0				0	0		
3			0	0	0				0	0		
4			0	0	0				0	0		
5			0	0	0				0	0		
6			0	0	0				0	0		
7			0	0	0				0	0		
8			0	0	0				0	---		
9			0	0	0				0	---		
10			0	0	.42				0	---		
11			0	0	.15				0	---		
12			0	0	.10				0	---		
13			0	0	0				0	---		
14			0	0	0				0	---		
15			0	0	0				0	---		
16			.03	0	0				0	---		
17			0	---	0				0	---		
18			0	---	0				0	---		
19			0	---	0				0	---		
20			0	0	0				0	---		
21			0	0	0				0	---		
22			0	0	0				4.1	---		
23			0	0	0				0	---		
24			0	0	0				0	---		
25			0	0	0				0	---		
26			0	0	0				0	---		
27			0	0	0				0	---		
28			0	0	0				0	---		
29			0	0	0				0	---		
30			0	0	---				0	---		
31		---	0	0	---		---		---	---		
TOTAL	0	0	.03	---	.67	0	0	0	4.1	---		
MEAN	0	0	.001	---	.023	0	0	0	.14	---		
MAX	0	0	.03	---	.42	0	0	0	4.1	---		
MIN	0	0	0	---	0	0	0	0	0	---		
AC-FT	0	0	.06	---	1.3	0	0	0	8.1	---		

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306610 SOUTHAM CAN WASH AT MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395650 LONGITUDE 1091406 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1								---				
2								---				
3								---				
4								---				
5								---				
6								---				
7								---				
8								---				
9								---				
10								---				
11								---				
12								237				
13								462				
14								496				
15								524				
16								489				
17								428				
18								429				
19								419				
20								403				
21								404				
22								401				
23								409				
24								424				
25								447				
26								---				
27								489				
28								496				
29								476				
30								454				
31								---				
MEAN								---				

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306610 SOUTHAM CAN WASH AT MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395650 LONGITUDE 1091406 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	1.0	0.0	0.0	-4.5	4.5		---	17.0			
2	0.0	0.5	0.0	0.0	-4.0	---		---	18.0			
3	0.0	1.0	0.0	0.0	-4.5	---		---	20.0			
4	0.0	0.0	0.0	---	0.0	---		---	18.5			
5	0.0	0.0	0.0	---	-2.5	---		---	18.0			
6	0.0	0.0	0.0	---	-5.0	---		11.0	20.5			
7	0.0	0.0	0.0	-5.0	-5.0	---		11.0	19.5			
8	0.0	0.0	0.0	-5.0	-4.0	---		9.5	---			
9	0.0	0.0	0.0	-5.0	-1.5	---		12.0	---			
10	0.0	0.0	0.0	---	-1.5	---		12.0	---			
11	0.0	0.0	0.0	---	-3.0	---		13.5	---			
12	0.0	0.0	0.0	---	-3.0	---		10.0	---			
13	0.0	0.0	0.0	---	-3.0	---		12.0	---			
14	0.0	0.0	0.0	---	-1.5	---		15.5	---			
15	0.0	0.0	0.0	---	-2.0	---		14.5	---			
16	0.0	0.0	-2.5	---	-1.5	---		11.0	---			
17	0.0	0.0	0.0	---	-2.0	---		13.5	---			
18	0.0	0.0	0.0	---	-1.5	---		17.0	---			
19	0.0	0.0	0.0	---	-2.0	---		17.0	---			
20	0.0	0.0	0.0	-5.0	-3.0	---		17.0	---			
21	0.0	0.0	0.0	-5.0	-4.5	---		13.5	---			
22	0.0	0.0	0.0	-5.0	-4.5	---		11.5	---			
23	0.0	0.0	0.0	-5.0	-4.0	---		14.5	---			
24	0.0	0.0	0.0	-4.5	-2.5	---		14.0	---			
25	0.0	0.0	0.0	-4.5	-2.5	---		11.5	---			
26	0.0	0.0	0.0	-4.5	-1.5	---		13.0	---			
27	0.0	0.0	0.0	-4.5	-1.5	---		15.0	---			
28	0.0	0.0	0.0	-5.0	0.0	---		16.5	---			
29	0.0	0.0	0.0	-4.5	3.0	---		16.0	---			
30	5.0	0.0	0.0	-4.0	---	---		14.0	---			
31	6.0	---	0.0	-4.0	---	---		15.0	---			
MEAN	0.5	0.0	0.0	---	-2.5	---		13.5	---			

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306620 ASPHALT WASH BLW CENTER FORK NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395426 LONGITUDE 1091555 DRAINAGE AREA DATUM STATE 49 COUNTY 047

S-10

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1					0					0		
2					0					0		
3					0					0		
4					0					0		
5					0					0		
6					0					0		
7					0					0		
8					0					---		
9					0					---		
10					2.0					---		
11					1.0					---		
12					.50					---		
13					0					---		
14					0					---		
15					0					---		
16					0					---		
17					0					---		
18					0					---		
19					0					---		
20					0					---		
21					0					---		
22					0					---		
23					0					---		
24					0					---		
25					0					---		
26					0					---		
27					0					---		
28					0					---		
29					0					---		
30					---					---		
31		---			---		---		---	---		
TOTAL	0	0	0	0	3.50	0	0	0	0	---		
MEAN	0	0	0	0	.12	0	0	0	0	---		
MAX	0	0	0	0	2.0	0	0	0	0	---		
MIN	0	0	0	0	0	0	0	0	0	---		
AC-FT	0	0	0	0	6.9	0	0	0	0	---		

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306620 ASPHALT WASH BLW CENTER FORK NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395426 LONGITUDE 1091555 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0											
2	0											
3	0											
4	0											
5	0											
6	0											
7	0											
8	0											
9	0											
10	0											
11	0											
12	0											
13	0											
14	0											
15	0											
16	0											
17	0											
18	0											
19	0											
20	0											
21	0											
22	0											
23	0											
24	0											
25	0											
26	0											
27	0											
28	0											
29	0											
30	0											
31	0											
MEAN	0											

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306620 ASPHALT WASH BLW CENTER FORK NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395426 LONGITUDE 1091555 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	-3.0	2.5	4.0					
2	0.0	0.0	0.0	0.0	-3.5	0.5	4.5					
3	0.0	0.0	0.0	0.0	-3.5	0.0	4.5					
4	0.0	0.0	0.0	0.0	0.0	0.0	4.5					
5	0.0	0.0	0.0	0.0	-0.5	-0.5	4.0					
6	0.0	0.0	0.0	0.0	-2.0	-1.5	3.5					
7	0.0	0.0	0.0	-4.0	-2.0	-1.5	4.5					
8	0.0	0.0	0.0	-3.5	-3.5	-1.0	5.5					
9	0.0	0.0	0.0	-0.5	-0.5	-0.5	6.5					
10	0.0	0.0	0.0	-1.5	0.5	0.0	6.5					
11	0.0	0.0	0.0	-3.5	0.5	0.0	7.5					
12	0.0	0.0	0.0	-4.0	0.5	0.0	8.0					
13	0.0	0.0	0.0	-2.0	0.0	-0.5	8.0					
14	0.0	0.0	0.0	-3.5	0.0	0.0	7.0					
15	0.0	0.0	0.0	-4.5	0.0	0.5	7.0					
16	0.0	0.0	0.0	-4.5	0.0	0.5	7.0					
17	0.0	0.0	0.0	-4.5	1.0	1.5	7.0					
18	0.0	0.0	0.0	-4.0	1.0	1.5	6.5					
19	0.0	0.0	0.0	-4.0	0.0	1.5	7.0					
20	0.0	0.0	0.0	-4.5	0.5	1.0	7.5					
21	0.0	0.0	0.0	-4.5	-0.5	1.5	9.0					
22	0.0	0.0	0.0	-4.5	-1.0	2.0	9.0					
23	0.0	0.0	0.0	-4.5	-0.5	3.0	10.5					
24	0.0	0.0	0.0	-4.0	0.5	3.0	9.5					
25	0.0	0.0	0.0	-4.0	0.0	2.5	10.0					
26	0.0	0.0	0.0	-4.0	0.5	1.5	7.5					
27	0.0	0.0	0.0	-2.5	1.0	2.0	7.0					
28	0.0	0.0	0.0	-0.5	1.0	1.5	11.0					
29	0.0	0.0	0.0	-4.0	1.5	1.0	13.0					
30	0.0	0.0	0.0	-4.0	---	1.5	6.0					
31	0.0	---	0.0	-2.5	---	3.0	---					
MEAN	0.0	0.0	0.0	-3.0	-0.5	1.0	7.0					

Unpublished [illegible]'s
Subject to Revision

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306625 ASPHALT WASH AT MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395628 LONGITUDE 1091619 DRAINAGE AREA DATUM STATE 49 COUNTY 047

S-12

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	---			0				0	0		
2	0	---			0				0	0		
3	0	---			0				0	0		
4	0	0			0				0	0		
5	0	0			0				0	0		
6	0	0			0				0	0		
7	0	0			0				0	0		
8	0	0			0				0	---		
9	0	0			0				0	---		
10	---	0			2.2				0	---		
11	---	0			5.8				0	---		
12	---	0			1.5				0	---		
13	---	0			.94				0	---		
14	---	0			.78				0	---		
15	---	0			.46				0	---		
16	---	0			0				0	---		
17	---	0			0				0	---		
18	---	0			0				0	---		
19	---	0			0				0	---		
20	---	0			0				0	---		
21	---	0			0				0	---		
22	---	0			0				2.2	---		
23	---	0			0				0	---		
24	---	0			0				0	---		
25	---	0			0				0	---		
26	---	0			0				0	---		
27	---	0			0				0	---		
28	---	0			0				0	---		
29	---	0			0				0	---		
30	---	0			---				0	---		
31	---	---			---		---		---	---		
TOTAL	---	---	0	0	11.68	0	0	0	2.2	---		
MEAN	---	---	0	0	.40	0	0	0	.073	---		
MAX	---	---	0	0	5.8	0	0	0	2.2	---		
MIN	---	---	0	0	0	0	0	0	0	---		
AC-FT	---	---	0	0	23	0	0	0	4.4	---		

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306625 ASPHALT WASH AT MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395628 LONGITUDE 1091619 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0				---							
2	0				---							
3	0				---							
4	0				---							
5	0				---							
6	0				---							
7	0				---							
8	0				---							
9	0				---							
10	0				---							
11	0				---							
12	0				370							
13	0				---							
14	0				266							
15	0				---							
16	0				---							
17	0				---							
18	0				---							
19	0				---							
20	0				---							
21	0				---							
22	0				---							
23	0				---							
24	0				---							
25	0				---							
26	0				---							
27	0				---							
28	0				---							
29	0				---							
30	0				---							
31	0				---							
MEAN	0				---							

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306625 ASPHALT WASH AT MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395628 LONGITUDE 1091619 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	-1.5	9.0	11.0	15.0				
2	0.0	0.0	0.0	0.0	-3.0	-0.5	11.5	9.0				
3	0.0	0.0	0.0	0.0	-3.0	-2.5	11.5	---				
4	0.0	0.0	0.0	0.0	2.0	-2.5	11.0	---				
5	0.0	0.0	0.0	0.0	-0.5	-1.5	7.5	---				
6	0.0	0.0	0.0	0.0	-3.0	-1.0	6.5	---				
7	0.0	0.0	0.0	0.0	-3.0	-0.5	11.0	---				
8	0.0	0.0	0.0	-3.5	-2.5	0.5	12.5	---				
9	0.0	0.0	0.0	-3.0	1.0	1.5	13.5	---				
10	0.0	0.0	0.0	-1.5	1.5	2.5	12.0	---				
11	0.0	0.0	0.0	-2.5	---	0.5	15.0	---				
12	0.0	0.0	0.0	-3.0	0.5	0.5	12.5	---				
13	0.0	0.0	0.0	-2.0	1.0	1.0	11.5	---				
14	0.0	0.0	0.0	-3.0	1.0	2.5	9.0	---				
15	0.0	0.0	0.0	-3.0	0.5	5.0	10.0	---				
16	0.0	0.0	0.0	-1.5	0.5	5.0	9.0	---				
17	0.0	0.0	0.0	-1.5	2.5	8.0	8.5	---				
18	0.0	0.0	0.0	-2.0	3.0	9.0	7.5	---				
19	0.0	0.0	0.0	-1.5	2.0	5.0	11.0	---				
20	0.0	0.0	0.0	-2.0	0.5	5.0	12.5	---				
21	0.0	0.0	0.0	-2.0	0.0	6.5	14.5	---				
22	0.0	0.0	0.0	-2.5	0.0	8.5	13.5	---				
23	0.0	0.0	0.0	-4.0	0.5	9.5	16.5	---				
24	0.0	0.0	0.0	-1.5	2.0	11.0	14.5	---				
25	0.0	0.0	0.0	-2.5	3.0	6.0	11.5	---				
26	0.0	0.0	0.0	-3.0	4.0	6.0	5.0	---				
27	0.0	0.0	0.0	-3.0	4.5	6.0	9.5	---				
28	0.0	0.0	0.0	-1.0	5.5	4.5	12.5	---				
29	0.0	0.0	0.0	-1.0	7.5	3.0	15.0	---				
30	0.0	0.0	0.0	0.0	---	6.5	14.0	---				
31	0.0	---	0.0	-0.5	---	9.5	---	---				
MEAN	0.0	0.0	0.0	-1.5	1.0	4.0	11.5	---				

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306700 WHITE R BLW ASPHALT WASH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395532 LONGITUDE 1091730 DRAINAGE AREA DATUM STATE 49 COUNTY 047

S-11

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	445	495	350	250	310	900	415	634	1720	556		
2	452	498	350	250	315	880	425	692	1540	519		
3	445	497	350	250	330	800	450	690	1590	512		
4	444	501	350	250	340	760	500	---	1670	480		
5	444	496	350	250	350	640	560	931	1700	458		
6	428	494	305	250	365	640	600	1030	1660	456		
7	419	493	295	250	375	640	580	1110	1680	460		
8	430	494	295	250	380	640	570	1160	1640	416		
9	440	501	298	250	385	640	560	1200	1570	391		
10	440	510	300	250	390	640	512	1280	1570	---		
11	440	498	255	250	460	640	506	1250	1560	---		
12	440	473	250	250	600	520	508	1290	1510	---		
13	440	473	250	250	600	520	514	1400	1330	---		
14	440	435	250	250	600	520	543	1350	1200	---		
15	440	410	250	270	600	520	577	1430	1160	---		
16	470	400	250	300	600	520	546	1660	1120	---		
17	460	400	250	320	600	540	548	1740	964	---		
18	460	400	250	325	560	680	536	1780	899	---		
19	460	400	250	330	510	780	544	1890	952	---		
20	460	400	250	340	963	650	565	1970	864	---		
21	460	350	250	340	981	700	527	2090	776	---		
22	460	350	250	340	1020	600	489	2140	793	---		
23	470	350	250	340	886	600	467	2070	854	---		
24	490	350	250	330	755	560	466	1950	1050	---		
25	490	350	250	325	816	540	499	1850	1010	---		
26	485	350	250	320	933	500	499	1690	844	---		
27	490	350	250	320	909	490	513	1480	760	---		
28	490	350	250	315	963	480	525	1440	703	---		
29	480	350	250	310	882	450	488	1530	632	---		
30	480	350	250	305	---	415	528	1680	603	---		
31	480	---	250	305	---	420	---	1810	---	---		
TOTAL	14172	12770	8498	8935	17778	19025	15565	---	35924	---		
MEAN	457	426	274	288	613	614	519	---	1197	---		
MAX	490	510	350	340	1020	900	600	---	1720	---		
MIN	419	350	250	250	310	415	415	---	603	---		
AC-FT	28110	25330	16860	17720	35260	37740	30870	---	71260	---		

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306700 WHITE R BLW ASPHALT WASH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395532 LONGITUDE 1091730 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	881	---	546	521	---	703				
2	---	---	871	---	578	---	---	632				
3	---	802	822	---	553	---	---	602				
4	---	770	796	---	580	---	---	---				
5	---	754	771	---	570	---	---	---				
6	---	752	742	---	562	---	---	---				
7	---	750	744	---	538	---	---	---				
8	---	752	751	---	545	---	---	---				
9	727	754	746	---	567	---	2000	---				
10	730	754	---	---	514	---	2000	---				
11	---	750	---	---	518	---	2000	---				
12	---	753	---	---	530	---	2000	---				
13	---	756	---	---	574	---	2000	---				
14	---	772	---	451	559	---	2010	---				
15	---	755	---	445	556	---	2010	---				
16	---	783	---	450	570	---	1340	---				
17	---	772	---	445	583	---	775	---				
18	---	758	---	457	619	---	772	---				
19	---	761	---	468	588	---	781	---				
20	---	770	---	451	579	---	814	---				
21	---	762	189	444	566	---	837	---				
22	725	770	205	442	586	---	861	---				
23	721	783	225	449	577	---	849	---				
24	740	802	246	470	594	---	825	---				
25	723	813	271	474	---	---	803	---				
26	---	830	302	500	649	---	768	---				
27	---	854	344	515	---	---	749	---				
28	---	854	---	507	---	---	737	---				
29	---	855	439	533	554	---	724	---				
30	---	884	423	544	---	---	726	---				
31	---	---	---	569	---	---	---	---				
MEAN	---	783	---	---	568	---	---	---				

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306700 WHITE R BLW ASPHALT WASH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395532 LONGITUDE 1091730 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.5	---	---	---	-0.5	-0.5	---	13.5				
2	12.0	---	---	---	-0.5	---	---	14.5				
3	12.5	7.0	---	---	-0.5	---	---	13.0				
4	12.5	5.5	---	---	-0.5	---	---	---				
5	12.5	---	---	---	-0.5	---	---	---				
6	13.0	---	---	---	-0.5	---	---	---				
7	13.0	---	---	-0.5	-0.5	---	---	---				
8	11.0	---	---	-0.5	-0.5	---	---	---				
9	11.0	---	---	-0.5	-0.5	---	12.0	---				
10	10.5	---	---	-0.5	-0.5	---	11.0	---				
11	11.0	---	---	-0.5	-0.5	---	11.5	---				
12	11.0	---	---	-0.5	-0.5	---	11.5	---				
13	10.5	---	---	-0.5	-0.5	---	10.5	---				
14	9.0	---	---	-0.5	-0.5	---	9.5	---				
15	9.0	---	---	-0.5	-0.5	---	10.0	---				
16	8.5	---	---	-0.5	-0.5	---	10.5	---				
17	8.5	---	-0.5	-0.5	-0.5	---	10.0	---				
18	9.0	---	0.5	-0.5	-0.5	---	10.5	---				
19	9.5	---	-0.5	-0.5	-0.5	---	10.5	---				
20	8.5	---	-0.5	-0.5	-0.5	---	11.5	---				
21	---	---	-0.5	-0.5	-0.5	---	12.0	---				
22	---	---	-0.5	-0.5	-0.5	---	12.0	---				
23	---	---	-0.5	-0.5	-0.5	---	12.0	---				
24	---	---	-0.5	-0.5	-0.5	---	12.0	---				
25	---	---	-0.5	-0.5	-0.5	---	12.5	---				
26	---	---	-0.5	-0.5	-0.5	---	9.5	---				
27	---	---	1.5	-0.5	-0.5	---	11.0	---				
28	---	---	0.0	-0.5	-0.5	---	12.0	---				
29	---	---	-0.5	-0.5	-0.5	---	13.5	---				
30	---	---	-0.5	-0.5	---	---	14.0	---				
31	---	---	---	-0.5	---	---	---	---				
MEAN	---	---	---	-0.5	-0.5	---	---	---				

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep
1		ALL VALUES IN INCHES OF EVAPORATION										
2												
3												
4		STARTED 1600 5/4/76						***				
5												
6												
7								0.06				
8												
9												
10												
11												
12								*0.52				
13												
14								0.32				
15												
16												
17												
18								0.91				
19												
20												
21								0.56				
22												
23												
24								0.40				
25	* EXCLUDING 0.48 rain 5/7/76											
26	*	"	0.80 rain 5/12/76									
27												
28								0.61				
29												
30												
31												
Tot.								3.38				

STATION EVAPORATION -2 SEASON TOTAL 75-76

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep
1	ALL VALUES IN INCHES OF EVAPORATION											
2												
3												
4				STARTED 1500 5/4/76				*				
5												
6												
7								*0.01				
8												
9												
10												
11												
12								*0.31				
13												
14								0.29				
15												
16												
17												
18								0.98				
19												
20												
21								0.58				
22												
23												
24								0.40				
25												
26	* excluding 0.38" rain 5/7/76											
27	* " 0.88" " 5/12/76											
28								0.60				
29												
30												
31												

STATION RS-PLANT SITE SEASON TOTAL 75-76

Date	1.58 Oct.	.33 Nov.	.39 Dec.	.29 Jan.	.29 Feb.	1.26 Mar.	.94 Apr.	1.72 May	.86 June	.90 July	Aug.	Sep
1										.10		
2							0.05					
3						0.65		.03				
4												
5				0.29								
6				1	0.165							
7												
8	.16											
9												
10								1.11				
11												
12												
13	.04					0.61						
14												
15												
16			.39									
17					.02							
18												
19		.04								.26		
20					.17							
21												
22									.86			
23	.60											
24												
25												
26								.54				
27	.16						0.89					
28												
29		.29										
30												
	.62							.01				

INSTALLED 2/11/76

STATION R 5-13 SEASON TOTAL 75-76

Date	1.47 Oct.	.37 Nov.	1.54 Dec.	.22 Jan.	.39 Feb.	1.18 Mar.	.75 Apr.	1.44 May	1.20 June	.47 July	Aug.	Sep
1										.24		
2							0.03					
3						0.60		.03				
4												
5				.22								
6					0.10 est							
7												
8	.13											
9												
10								.97				
11												
12												
13	.03					0.58						
14												
15												
16			.66									
17					.07							
18												
19		.06								.23		
20					.22							
21												
22									1.20			
23	.58											
24												
25		.09										
26								.39				
27	.07						0.72					
28												
29		.22										
30												
31	.66		.88 T					.05				

ACTIVATED 2/7/76

STATION RS-12 SEASON TOTAL 75-76

Date	1.39 Oct.	.35 Nov.	1.76 Dec.	.28 Jan.	.18 Feb.	1.25 Mar.	.73 Apr.	1.16 May	.56 June	.46 July	Aug.	Sep
1										.17		
2							0.07					
3												
4												
5				.28								
6					.11							
7												
8	.13											
9						1.02						
10								0.62				
11												
12										.08		
13	.03											
14						0.23						
15												
16			.74									
17					.07							
18												
19		.04								.21		
20												
21												
22									.56			
23	.55											
24												
25		.12										
26								0.48				
27	.05						0.65					
28												
29		.17										
30	.63											
31			(1.02T)					0.06				

NO

STATION ARS 12 SEASON TOTAL 75-76

Date	Oct.	Nov.	Dec.	Jan.	.2 Feb.	1.3 Mar.	.7 Apr.	1.3 May	.9 June	July	Aug.	Sep
1						0.4				0.1		
2						0.3						
3						0.4						
4												
5							0.2					
6					0.1			0.4				
7												
8								0.3				
9												
10												
11						0.2						
12												
13									0.2			
14							0.1					
15												
16							0.1					
17					0.1		0.1					
18							0.1					
19												
20								0.1				
21								0.2				
22								0.1	0.6			
23								0.1				
24												
25												
26							0.1					
27												
28												
29												
30									0.1			
31								0.1				

CANNOT RUN TAPES 1/15/76 - 1/31/76 & 2/3/76 - 2/11/76
recorder not operating

STATION RS-11 SEASON TOTAL 75-76

Date	Oct.	Nov.	Dec.	Jan.	.32 Feb.	1.24 Mar.	.63 Apr.	[illegible] May	.56 June	.50 July	Aug.	Sep
1										.10		
2				9/12/76			0.03					
3												
4												
5												
6					0.10							
7												
8												
9						1.08						
10								0.63				
11												
12										.22		
13												
14						0.16						
15												
16												
17					.05							
18												
19										.18		
20					.24							
21												
22									.56			
23												
24												
25												
26								047				
27							0.60					
28												
29												
30												
31								0.05				

STATION RS-7 SEASON TOTAL 75-76

Date	2.1 Oct.	.41 Nov.	1.72 Dec.	.33 Jan.	.45 Feb.	1.27 Mar.	1.04 Apr.	1.35 May	.81 June	.40 July	Aug.	Sep
1			(.86)							.05		
2							2.04					
3						0.67		.00				
4												
5				.33								
6					0.1 est.							
7												
8	.17											
9												
10								.82				
11		.01										
12												
13	.04					0.60						
14												
15												
16			.86									
17					.04							
18												
19		.04								.35		
20					.31							
21												
22							~~.10~~		.81			
23	.66											
24												
25		.11										
26								.45				
27	.15						1.00					
28												
29		.2[illegible]										
30												
31	.69							.08				

STATION FPS-9 SEASON TOTAL 75-76

Date	Oct.	Nov.	Dec.	Jan.	.3 Feb.	1.2 Mar.	1.0 Apr.	1.3 May	1.0 June	July	Aug.	Sep
1						0.1						
2						0.5						
3												
4						0.3						
5						0.1	~~0.4~~					
6								0.4				
7								0.1				
8								0.3				
9												
10												
11						0.2						
12												
13									0.2			
14							0.1					
15												
16							0.1					
17							0.3					
18							0.2		0.1			
19												
20					0.3			0.1				
21								0.1				
22								0.2	0.7			
23												
24												
25							0.1					
26							0.2					
27												
28												
29								0.1				
30												
31												

STATION PSRH AK-8 STD @ A-8 Air Station SEASON TOTAL 75-76

Date	Oct.	Nov.	Dec.	Jan.	.36 Feb.	.90 Mar.	1.02 Apr.	1.26 May	.73 June	.61 July	Aug.	Sept
1	installed		2-1-76									
2						.26						
3												
4												
5												
6												
7					.07		.03					
8						.39						
9												
10								.73				
11												
12						.20						
13												
14									.23			
15							.10					
16												
17												
18												
19							.58			.24		
20										.15		
21								.03				
22								.26	.50			
23					.36							
24												
25												
26												
27							.31					
28								.14				
29						.05				.22		
30												
31						HD		.10				

STATION ARA 8 SEASON TOTAL 75-76

Date	Oct.	Nov.	Dec.	Jan.	Feb. .4	Mar. .8	Apr. .9	May 1.1	June 0.9	July	Aug.	Sept.
1						0.2				0.1		
2						0.1						
3						0.1						
4						0.1						
5						0.1						
6					0.1			0.4				
7												
8								0.4				
9					0.1							
10												
11						0.1		0.1				
12												
13									0.2			
14							0.1					
15												
16							0.1		0.1			
17							0.2					
18							0.2		0.1	0.2		
19					0.2							
20												
21												
22								0.2	0.5			
23							0.1					
24												
25						0.1						
26							0.2					
27												
28								~~0.1~~				
29												
30												

Instrument failure

STATION RS-6 STD SEASON TOTAL 7[illegible]-76

Date	1.39 Oct.	.33 Nov.	.72 Dec.	.26 Jan.	.82 Feb.	1.03 Mar.	1.27 Apr.	1.12 May	.64 June	.43 July	Aug.	Sept
1												
2												
3						.84						
4												
5				.26								
6												
7					.21		.04					
8	.14					.45						
9												
10								.72				
11												
12						.21						
13	.05								.20			
14												
15			.72				.17					
16												
17												
18												
19		.04					.76			.16		
20										.02		
21								.11				
22								.37				
23	.50				.61				.44			
24												
25												
26												
27	.02						.30					
28								.22				
29		.29				.34				.25		
30												
31	.62		.26									
Tot			.98			1.24	1.77	1.12				

STATION ARS-4 SEASON TOTAL 75-76

Date	Oct.	Nov.	Dec.	Jan.	.3 Feb.	1.0 Mar.	.8 Apr.	1.8 May	1.1 June	July	Aug.	Sep
1						0.1						
2						0.4						
3						0.1		0.1				
4						0.3						
5							0.1					
6					0.1			0.3				
7								0.5				
8								0.4				
9												
10												
11						0.1						
12												
13									0.2			
14												
15							0.1					
16							0.1					
17					0		0.2		0.1			
18							0.1					
19												
20					0.2							
21								0.2				
22								0.1	0.8			
23								0.1				
24												
25												
26							0.1					
27												
28								0.1				
29												
30												
31												

STATION RS-4 SEASON TOTAL 75-76

Date	Oct.	Nov.	Dec.	Jan.	.33 Feb.	1.26 Mar.	.79 Apr.	1.60 May	1.08 June	.18 July	Aug.	Sep
1										.01		
2							0.07					
3						0.64		.03				
4												
5												
6					0.1 est.							
7												
8												
9												
10								1.20				
11												
12												
13						0.62						
14												
15												
16												
17					.02							
18												
19										.17		
20					.21							
21												
22									1.08			
23												
24												
25												
26								.39				
27							0.72					
28												
29												
30												
31								.04				

STATION KS-3 SEASON TOTAL 75-76

Date	1.33 Oct.	.35 Nov.	.56 Dec.	.20 Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1												
2												
3												
4												
5				.20								
6												
7												
8	.14											
9												
10												
11		.01										
12												
13	.03											
14												
15												
16			.56									
17												
18												
19												
20		.04										
21												
22												
23	.41											
24												
25												
26												
27	.09											
28												
29		.30										
30												
31	.66											
Tot.			.76									

Discontinued

STATION AKD-2 SEASON TOTAL 75-76

Date	1.6 Oct.	.3 Nov.	— Dec.	— Jan.	.4 Feb.	1.2 Mar.	.5 Apr.	1.5 May	1.3 June	July	Aug.	Sep
1						0.1				0.1		
2						0.5						
3												
4						0.3						
5												
6					0.2			0.4				
7								0.1				
8	0.1							0.5				
9												
10												
11						0.2						
12												
13									0.1			
14							0.1		0.1			
15												
16							0.1					
17							0.2		0.1			
18							0.1					
19												
20		0.1			0.2			0.1				
21								0.1				
22								0.2	1.0			
23	0.5											
24	0.2					0.1						
25												
26							0.1					
27							0.1					
28												
29		0.2										
30	0.2											
31								0.1				

STATION RS-2 SEASON TOTAL 75-76

Date	Oct.	Nov.	Dec.	Jan.	.35 Feb.	1.07 Mar.	.66 Apr.	1.17 May	.96 June	.36 July	Aug.	Sep
1										.11		
2							0.07					
3						0.57						
4												
5												
6					0.10							
7												
8												
9												
10								0.81				
11												
12												
13												
14						0.50						
15												
16												
17					0.06							
18												
19										.25		
20					0.19							
21												
22									.96			
23												
24												
25												
26								0.36				
27							0.58					
28												
29												
30												
31												

STATION RS-1 Standard (Measured Monthly) SEASON TOTAL 75-76

Date	1.37 Oct.	.32 Nov.	.66 Dec.	.18 Jan.	.17 Feb.	.41 Mar.	1.09 Apr.	1.19 May	.78 June	.61 July	Aug.	Sept.
1												
2												
3												
4												
5				.18								
6					~~.10~~							
7					.17							
8	.09											
9												
10												
11												
12												
13	.02							.68				
14												
15			.66				.14					
16												
17									.21			
18												
19		.04					.13					
20										.51		
21												
22									.51			
23	.54											
24												
25								.38				
26												
27	.11						.32					
28												
29		.25				.41				.61		
30												
31	.61		~~.18~~					.13				

STATION ARP-1 SEASON TOTAL 75 -76

Date	1.5 Oct.	.4 Nov.	.3 Dec.	.2 Jan.	.4 Feb.	1.0 Mar.	.9 Apr.	1.1 May	1.0 June	July	Aug.	Sep
1				0.1		0.1			0.1			
2						0.4						
3								~~0.1~~				
4						0.3						
5												
6				0.1	0.1			0.4				
7												
8	0.1							0.4				
9												
10	0.1	0.1										
11						0.1						
12						0.1						
13									0.2			
14			0.3				0.2					
15												
16		0.1					0.2					
17					0.1		0.2					
18							0.1		0.1			
19							0.1					
20					0.2							
21								0.1				
22								0.2	0.6			
23	0.2											
24	0.3							0.1				
25	0.1							E				
26							0.1					
27												
28												
29	0.1	0.2										
30												
31	0.6											

STATION ~~RS-P1~~ SEASON TOTAL 75-76

Date	Oct.	Nov.	Dec.	Jan.	.36 Feb.	.86 Mar.	.92 Apr.	.72 May	.60 June	.36 July	Aug.	Sep
1										.09		
2							0.05					
3						0.43		.05				
4												
5												
6					.07							
7												
8												
9												
10								.30				
11												
12												
13						0.43						
14												
15												
16												
17					.09							
18												
19										.07		
20					.20							
21												
22									.60			
23												
24												
25												
26								.37				
27							0.87					
28												
29												
30												

B. Surface Water Quality Data

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESSING DATE 08/25/76
09306400 - WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT DISTRICT CODE 49

S-1

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TYPE	TEMPERATURE (DEG C) (00010)	AIR TEMPERATURE (DEG C) (00020)	SURFACE AREA (SQUARE MILES) (00049)	INSTANTANEOUS DISCHARGE (CFS) (00061)	TURBIDITY (JTU) (00070)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)
OCT.												
07...	2	12.0	23.5	4.1	414	2	6	710	8.1	17	8.5	.9
21...	2	6.5	--	4.1	430	20	--	700	--	5	--	--
DEC.												
02...	2	.0	--	4.1	293	20	5	811	11.0	6	8.2	2.4
APR.												
19...	2	10.5	--	4.1	--	--	--	--	--	--	6.8	--
20...	2	11.9	--	4.1	562	260	20	750	7.7	26	8.3	1.7
20...	2	11.9	--	4.1	562	--	--	750	7.7	--	8.3	--
20...	2	11.9	--	4.1	562	--	--	750	7.7	--	8.3	--
MAY												
18...	2	14.4	--	4.1	--	350	30	435	--	--	8.0	2.3
JULY												
29...	2	25.1	--	4.1	--	--	--	775	--	--	8.0	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 08/25/76
09306400 - WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT DISTRICT CODE 49

Unpublished Records Subject to Revision

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	ALKA-LINITY AS CACO3 (MG/L) (00410)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)	TOTAL FILT-RABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	PERI-PHYTON BIOMASS ASH WEIGHT G/SQ M (00572)	PERI-PHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M (00573)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)
OCT.												
07...	147	175	2	450	0	--	--	.00	.00	.06	.48	.06
21...	176	214	0	--	0	--	--	.00	.00	.00	.21	.00
DEC.												
02...	194	237	0	550	0	--	--	.07	.02	.16	.20	.18
APR.												
19...	--	--	--	--	--	252	268	--	--	--	--	--
20...	179	218	0	--	0	--	--	.03	.00	.07	1.3	.07
20...	--	--	--	550	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
18...	117	143	0	--	--	--	--	.01	.01	.28	2.1	.29
JULY												
24...	--	--	--	560	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	DIS-SOL-VED ORGANIC CARBON (C) (MG/L) (00681)	SUS-PENDED ORGANIC CARBON (C) (MG/L) (00689)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00745)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)
OCT.												
07...	.00	.05	.00	3.6	--	--	.00	.5	240	97	61	22
21...	.00	.04	.00	--	--	--	--	.3	260	80	66	22
DEC.												
02...	.03	.02	.01	--	--	--	.00	.0	280	84	72	24
APR.												
19...	--	--	--	--	--	--	--	--	--	--	--	--
20...	.00	.31	.00	--	3.5	1.3	.00	.3	270	89	64	26
20...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
18...	.00	1.2	.00	--	5.2	--	.00	--	160	46	42	14
JULY												
24...	--	--	--	--	--	--	--	--	--	--	--	--

Unpublished Records
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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)
OCT.												
07...	56	1.6	33	1.8	32	150	.3	11	1	<100	0	<3
21...	50	1.4	30	1.6	31	140	.2	11	--	--	--	--
DEC.												
02...	65	1.7	34	1.7	36	170	.3	14	0	0	--	--
APR.												
19...	--	--	--	--	--	--	--	--	--	--	--	--
20...	66	1.8	35	1.7	33	140	.2	12	1	0	0	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
15...	22	.8	23	1.7	10	70	.2	12	1	--	--	--
JULY												
24...	--	--	--	3.5	--	--	--	--	--	--	--	--

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DATE	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)
OCT.												
07...	60	0	10	0	1	0	0	10	3	3	0	820
21...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
02...	60	0	<10	0	0	0	0	0	3	2	--	--
APR.												
19...	--	--	--	--	--	--	--	--	--	--	--	--
20...	60	0	10	--	4	30	0	10	1	4	--	790
20...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
15...	50	--	--	--	--	20	--	10	--	--	--	500
JULY												
24...	--	--	--	--	--	--	--	--	--	--	--	--

Unpublished Records
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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	UNCOR-RECTED PERI-PHYTON CHLORO-PHYLL B MG/SQ M (32226)
OCT.												
07...	2.1	10	<4	10	<2	<6	10	0	<2	<5	<1.4	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
02...	1.4	10	--	20	--	--	10	1	--	--	3.7	--
APR.												
19...	--	--	--	--	--	--	--	--	--	--	--	.000
20...	1.6	0	--	20	--	--	10	1	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	8.9	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
16...	--	--	--	30	--	--	--	--	--	--	--	--
JULY												
24...	--	--	--	--	--	--	--	--	--	--	3.9	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	UNCORRECTED PERIPHYTON CHLOROPHYLL A MG/SQ M (32228)	CHLOROPHYLL A (UG/L) (32230)	CHLOROPHYLL B (UG/L) (32231)	PHENOLS (UG/L) (32730)	METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) (38260)	POLYCHLORINATED NAPHTHALENES (UG/L) (39250)	TOTAL ALDRIN (UG/L) (39330)	ALDRIN IN BOTTOM MATERIAL (UG/KG) (39333)	TOTAL LINDANE (UG/L) (39340)	LINDANE IN BOTTOM MATERIAL (UG/KG) (39343)	TOTAL CHLORDANE (UG/L) (39350)	CHLORDANE IN BOTTOM MATERIAL (UG/KG) (39351)
OCT.												
07...	--	1.50	.800	1	.0	--	.00	--	.00	--	.0	--
21...	--	--	--	5	--	--	--	--	--	--	--	--
DEC.												
02...	--	1.20	.800	1	--	--	--	--	--	--	--	--
APR.												
19...	37.1	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	4	.0	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	.00	.00	.0	.00	.0	.0	0
MAY												
16...	--	--	--	2	--	--	--	--	--	--	--	--
JULY												
24...	--	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL DDD (UG/L) (39360)	DDD IN BOTTOM MATERIAL (UG/KG) (39363)	TOTAL DDE (UG/L) (39365)	DDE IN BOTTOM MATERIAL (UG/KG) (39368)	TOTAL DDT (UG/L) (39370)	DDT IN BOTTOM MATERIAL (UG/KG) (39373)	TOTAL DIELDRIN (UG/L) (39380)	DIELDRIN IN BOTTOM MATERIAL (UG/KG) (39383)	TOTAL ENDRIN (UG/L) (39390)	ENDRIN IN BOTTOM MATERIAL (UG/KG) (39393)	TOTAL TOXAPHENE (UG/L) (39400)	TOXAPHENE IN BOTTOM MATERIAL (UG/KG) (39403)
OCT.												
07...	.00	--	.00	--	.00	--	.00	--	.00	--	0	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
02...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
19...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
29...	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0	0	0
MAY												
15...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
24...	--	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL HEPTA-CHLOR (UG/L) (39410)	HEPTA-CHLOR IN BOTTOM MA-TERIAL (UG/KG) (39413)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	HEPTA-CHLOR EPOXIDE IN BOT-TOM MA-TERIAL (UG/KG) (39423)	TOTAL PCB (UG/L) (39516)	PCB IN BOTTOM MA-TERIAL (UG/KG) (39519)	TOTAL 2,4-D (UG/L) (39730)	2,4-D IN BOTTOM MA-TERIAL (UG/KG) (39731)	TOTAL 2,4,5-T (UG/L) (39740)	2,4,5-T IN BOTTOM MA-TERIAL (UG/KG) (39741)	TOTAL SILVEX (UG/L) (39760)	SILVEX IN BOTTOM MA-TERIAL (UG/KG) (39761)
OCT.												
07...	.00	--	.00	--	.0	--	.00	--	.00	--	.00	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
02...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
19...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
20...	.00	.0	.00	.0	.0	0	.00	0	.00	0	.00	0
MAY												
15...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
24...	--	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS-SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS-SOLVED NITRATE (NO3) (MG/L) (71851)	DIS-SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS-SOLVED MERCURY (HG) (UG/L) (71890)	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
OCT.											
07...	449	424	502	.61	.00	.27	.00	.1	.0	8.5	<1.1
21...	454	428	527	.62	.00	.00	.00	.0	--	--	--
DEC.											
02...	510	502	403	.69	.09	.71	.07	.1	.0	<5.8	2.9
APR.											
14...	--	--	--	--	--	--	--	--	--	--	--
20...	525	502	797	.71	.04	.31	.00	.1	.0	--	--
20...	--	--	--	--	--	--	--	--	--	9.9	7.0
20...	--	--	--	--	--	--	--	--	--	--	--
MAY											
16...	265	244	--	.36	.01	1.2	.03	--	--	--	--
JULY											
24...	--	--	--	--	--	--	--	--	--	<4.8	3.2

Provisional Records
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S-7

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TYPE	TEMPERATURE (DEG C) (00010)	AIR TEMPERATURE (DEG C) (00020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	TURBIDITY (JTU) (00070)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)
OCT.												
08...	2	18.0	--	.03	4	6	5600	8.1	28	8.3	3.9	399
20...	2	2.3	--	.01	2	--	4240	--	18	7.1	63	404
NOV.												
05...	2	15.0	16.5	.20	1	7	4300	8.8	12	7.7	15	382
DEC.												
03...	2	.0	--	.82	2	5	4400	10.1	19	7.6	21	425

Unpublished Records
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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	TOTAL FILTRABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DISSOLVED AMMONIA NITROGEN (N) (MG/L) (00608)	DISSOLVED NITRITE (N) (MG/L) (00613)	DISSOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJELDAHL NITROGEN (N) (MG/L) (00625)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DISSOLVED ORTHO PHOSPHATE (PO4) (MG/L) (00660)	TOTAL PHOSPHORUS (P) (MG/L) (00665)	DISSOLVED ORTHO. PHOSPHORUS (P) (MG/L) (00671)
OCT.												
08...	487	0	4500	1	.00	.04	5.0	1.2	5.0	.00	.00	.00
20...	492	0	--	0	.00	.03	8.4	.57	8.4	.00	.01	.00
NOV.												
05...	466	0	3500	0	.04	.01	3.3	.76	3.3	.03	.00	.01
DEC.												
03...	510	0	4100	0	.00	.02	7.7	1.4	7.7	.06	.00	.02

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DATE	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)
OCT.												
08...	31	.01	.5	1300	860	180	200	760	9.3	56	6.9	41
20...	--	--	.3	1200	750	180	170	660	8.5	55	4.9	38
NOV.												
05...	--	.00	.0	1100	700	170	160	710	9.4	59	6.3	38
DEC.												
03...	--	.00	.0	1100	660	170	160	700	9.3	58	5.5	36

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DATE	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)
OCT.												
04...	2400	.9	12	2	<100	10	1200	0	10	1	2	80
20...	2000	1.0	11	--	--	--	--	--	--	--	--	--
NOV.												
05...	2200	.8	10	1	0	--	560	0	2	1	3	40
DEC.												
03...	2000	1.1	13	0	0	--	1600	0	<10	1	7	20

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DATE	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01055)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)
OCT.												
08...	0	30	43	3	0	4000	.9	10	20	130	4	17
20...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
05...	0	20	29	5	--	--	2.0	30	10	80	2	<11
DEC.												
03...	1	20	44	3	--	--	1.2	20	20	100	14	15

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	CHLORO-PHYLL A (UG/L) (32210)	CHLORO-PHYLL B (UG/L) (32231)	PHENOLS (UG/L) (32730)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	TOTAL ALDRIN (UG/L) (39330)	TOTAL LINDANE (UG/L) (39340)	TOTAL CHLOR-DANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DI-ELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)
OCT.												
08...	3.60	.200	1	.0	.00	.00	.0	.00	.00	.00	.00	.00
20...	--	--	3	--	--	--	--	--	--	--	--	--
NOV.												
05...	.600	.900	1	--	--	--	--	--	--	--	--	--
DEC.												
03...	--	--	2	--	--	--	--	--	--	--	--	--

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL TOX-APHENE (UG/L) (39400)	TOTAL HEPTA-CHLOR (UG/L) (39410)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL PCB (UG/L) (39516)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS-SOLVED AMMONIA (NH4) (MG/L) (71846)
OCT.												
08...	0	.00	.00	.0	.00	.00	.00	4220	3870	.42	5.74	.00
20...	--	--	--	--	--	--	--	3650	3350	.10	4.96	.00
NOV.												
05...	--	--	--	--	--	--	--	3770	3540	2.04	5.13	.05
DEC.												
03...	--	--	--	--	--	--	--	3630	3380	8.04	4.94	.00

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED NITRATE (NO3) (MG/L) (71851)	DIS-SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS-SOLVED MERCURY (HG) (UG/L) (71890)	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
OCT.						
08...	22	.13	.3	.0	<51	15
20...	37	.10	.2	--	--	--
NOV.						
05...	15	.03	.3	.0	<38	<9.1
DEC.						
03...	34	.07	.3	.0	<46	13

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TYPE	TEMPERATURE (DEG C) (00010)	AIR TEMPERATURE (DEG C) (00020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	TURBIDITY (JTU) (00070)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)
OCT.												
09...	2	15.0	--	.01	2	10	5600	6.2	56	8.0	9.2	470
20...	2	5.9	--	.00	2	--	5320	--	34	--	--	386
NOV.												
05...	2	9.0	6.0	.05	5	16	5000	7.3	40	7.5	27	436
DEC.												
04...	2	3.0	--	.08	40	60	5200	9.0	39	7.5	28	453
JAN.												
06...	2	2.0	-2.0	.03	5	15	5000	7.9	35	7.8	15	487
FEB.												
24...	2	.5	--	.60	80	--	4970	--	48	7.2	54	441
MAR.												
31...	2	4.0	--	.80	--	--	4400	10.3	--	8.3	4.3	442
31...	2	4.0	--	.80	--	--	4400	10.3	--	8.3	--	--
APR.												
21...	2	9.9	--	3.4	620	10	4300	5.7	57	8.8	1.2	400
21...	2	9.9	--	3.4	--	--	4300	5.7	--	8.8	--	--
MAY												
15...	2	6.1	--	--	550	10	4200	--	--	7.9	9.1	372
JUNE												
13...	2	15.9	--	--	3	10	5200	--	--	7.9	11	468
JULY												
24...	2	12.0	--	--	--	--	5900	--	--	8.2	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)	TOTAL FILT-RABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)
OCT.												
09...	573	0	5100	0	.00	.00	.00	1.0	.00	.03	.00	.01
20...	470	0	--	0	.00	.01	.02	1.0	.03	.00	.02	.00
NOV.												
05...	532	0	4100	0	.03	.01	.64	1.2	.65	.00	.01	.00
DEC.												
04...	552	0	4800	0	.00	.02	.73	1.3	.75	.03	.01	.01
JAN.												
05...	594	0	4900	0	.04	.00	.01	1.6	.01	.06	.01	.02
FEB.												
24...	538	0	--	0	--	--	--	1.2	1.2	.03	.10	.01
MAR.												
31...	539	0	--	0	.01	.01	.99	1.4	1.0	.03	.39	.01
31...	--	--	4000	--	--	--	--	--	--	--	--	--
APR.												
21...	458	0	--	0	.03	.01	.94	2.3	.95	.00	.95	.00
21...	--	--	3400	--	--	--	--	--	--	--	--	--
MAY												
15...	454	0	--	--	.01	.01	.84	.83	.85	.00	.29	.00
JUNE												
13...	570	0	--	--	.02	.01	.02	.76	.03	.00	.03	.00
JULY												
24...	--	--	4700	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	DIS-SOL-VED ORGANIC CARBON (C) (MG/L) (00681)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	SUS-PENDED ORGANIC CARBON (C) (MG/L) (00689)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)
OCT.												
09...	17	--	--	--	.00	.2	1200	750	190	180	960	12
20...	--	--	--	--	--	.1	1300	920	210	190	950	11
NOV.												
05...	--	--	--	--	.00	.0	1200	800	180	190	930	12
DEC.												
04...	--	--	--	--	.00	.0	1100	690	160	180	910	12
JAN.												
08...	16	--	123	--	.00	.0	1400	870	210	200	980	12
FEB.												
24...	--	--	--	--	--	.3	1200	750	180	180	810	10
MAR.												
31...	12	11	--	--	.00	.0	1100	700	160	180	780	10
31...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
21...	--	8.4	--	.3	.00	.0	950	550	130	150	660	9.4
21...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
16...	--	8.8	--	--	.00	--	1000	630	120	170	700	9.6
JUNE												
13...	--	17	--	--	.00	--	1400	920	210	210	920	11
JULY												
24...	--	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)
OCT.												
09...	63	9.0	58	2700	.9	10	2	<100	10	--	2300	0
20...	61	9.1	59	2900	1.0	10	--	--	--	--	--	--
NOV.												
05...	62	9.2	56	2700	1.0	9.6	3	0	--	--	2600	1
DEC.												
04...	63	8.2	54	2400	.9	9.5	4	0	--	--	2000	0
JAN.												
06...	61	8.6	75	2800	.8	9.3	0	30	10	<80	2000	0
FEB.												
24...	60	7.8	51	2400	.9	8.6	--	--	--	--	--	--
MAR.												
31...	60	6.8	77	2200	.9	10	1	0	10	--	1100	0
31...	--	--	--	--	--	--	--	40	<10	<100	780	0
APR.												
21...	60	4.6	3.4	1900	.6	10	1	0	0	--	620	0
21...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
19...	60	6.6	28	2100	.9	12	1	--	--	--	520	--
JUNE												
14...	59	8.0	58	2700	2.3	12	1	--	--	--	1200	--
JULY												
24...	--	11	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED COBALT-60 (CO) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MANGANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYBDENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRONTIUM (SR) (UG/L) (01080)	DIS-SOLVED VANADIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)
OCT.												
09...	10	1	5	0	0	230	42	5	0	4200	.4	10
20...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
05...	4	1	8	50	2	170	35	10	--	--	2.9	50
DEC.												
04...	<10	1	6	30	0	170	33	5	--	--	1.3	10
JAN.												
06...	0	0	20	10	0	410	29	3	0	4000	1.3	0
FEB.												
24...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
31...	0	--	5	70	1	30	29	4	--	3700	1.2	10
31...	<65	<65	<14	90	<65	<70	90	<65	<7	5000	<65	10
APR.												
21...	10	--	6	40	0	10	18	2	--	3100	.8	0
21...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
18...	--	--	--	10	--	8	--	--	--	3500	--	--
JUNE												
13...	--	--	--	30	--	160	--	--	--	2700	--	--
JULY												
24...	--	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01105)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	CHLORO-PHYLL A (UG/L) (32230)	CHLORO-PHYLL B (UG/L) (32231)	PHENOLS (UG/L) (32730)
OCT.												
09...	--	10	--	--	140	0	--	--	28	6.80	3.20	1
20...	--	--	--	--	--	--	--	--	--	--	--	4
NOV.												
03...	--	20	--	--	120	1	--	--	25	--	--	4
DEC.												
04...	--	30	--	--	90	1	--	--	120	1.50	1.10	2
JAN.												
08...	<60	10	<40	<170	100	0	<50	<170	31	.400	.200	4
FEB.												
24...	--	--	--	--	--	--	--	--	--	--	--	3
MAR.												
31...	--	60	--	--	80	2	--	--	--	--	--	4
31...	<100	150	<30	<70	80	--	<20	<140	18	--	--	--
APR.												
21...	--	50	--	--	60	2	--	--	--	--	--	3
21...	--	--	--	--	--	--	--	--	11	--	--	--
MAY												
16...	--	10	--	--	--	--	--	--	--	--	--	4
JUNE												
13...	--	0	--	--	--	--	--	--	--	--	--	2
JULY												
24...	--	--	--	--	--	--	--	--	32	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) (38260)	POLYCHLORINATED NAPHTHALENES (UG/L) (39250)	TOTAL ALDRIN (UG/L) (39330)	ALDRIN IN BOTTOM MATERIAL (UG/KG) (39333)	TOTAL LINDANE (UG/L) (39340)	LINDANE IN BOTTOM MATERIAL (UG/KG) (39343)	TOTAL CHLORDANE (UG/L) (39350)	CHLORDANE IN BOTTOM MATERIAL (UG/KG) (39351)	TOTAL DDD (UG/L) (39360)	DDD IN BOTTOM MATERIAL (UG/KG) (39363)	TOTAL DDE (UG/L) (39365)	DDE IN BOTTOM MATERIAL (UG/KG) (39368)
OCT.												
09...	.4	--	.00	--	.00	--	.0	--	.00	--	.00	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
05...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
JAN.												
06...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
24...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
31...	--	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
21...	.0	--	--	--	--	--	--	--	--	--	--	--
21...	--	.00	.00	.0	.00	.0	.0	0	.00	.0	.00	.0
MAY												
10...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
13...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
2[illegible]...	--	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL DDT (UG/L) (39370)	DDT IN BOTTOM MATERIAL (UG/KG) (39373)	TOTAL DIELDRIN (UG/L) (39380)	DIELDRIN IN BOTTOM MATERIAL (UG/KG) (39383)	TOTAL ENDRIN (UG/L) (39390)	ENDRIN IN BOTTOM MATERIAL (UG/KG) (39393)	TOTAL TOXAPHENE (UG/L) (39400)	TOXAPHENE IN BOTTOM MATERIAL (UG/KG) (39403)	TOTAL HEPTACHLOR (UG/L) (39410)	HEPTACHLOR IN BOTTOM MATERIAL (UG/KG) (39413)	TOTAL HEPTACHLOR EPOXIDE (UG/L) (39420)	HEPTACHLOR EPOXIDE IN BOTTOM MATERIAL (UG/KG) (39423)
OCT.												
09...	.00	--	.00	--	.00	--	0	--	.00	--	.00	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
05...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
JAN.												
05...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
24...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
31...	--	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	.00	.0	.00	.0	.00	.0	0	0	.00	.0	.00	.0
MAY												
16...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
13...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
24...	--	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL PCB (UG/L) (39516)	PCB IN BOTTOM MATERIAL (UG/KG) (39519)	TOTAL 2,4-D (UG/L) (39730)	2,4-D IN BOTTOM MATERIAL (UG/KG) (39731)	TOTAL 2,4,5-T (UG/L) (39740)	2,4,5-T IN BOTTOM MATERIAL (UG/KG) (39741)	TOTAL SILVEX (UG/L) (39760)	SILVEX IN BOTTOM MATERIAL (UG/KG) (39761)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)
OCT.												
09...	.0	--	.00	--	.00	--	.00	--	4740	4420	.13	6.45
20...	--	--	--	--	--	--	--	--	4660	4560	.06	6.34
NOV.												
05...	--	--	--	--	--	--	--	--	4410	4340	.60	6.00
DEC.												
04...	--	--	--	--	--	--	--	--	4440	4000	.98	6.04
JAN.												
06...	--	--	--	--	--	--	--	--	4740	4580	.47	6.45
FEB.												
24...	--	--	--	--	--	--	--	--	4250	3910	6.89	5.78
MAR.												
31...	--	--	--	--	--	--	--	--	4060	3690	8.77	5.52
31...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
21...	--	--	--	--	--	--	--	--	3310	3110	30.4	4.50
21...	.0	0	.00	0	.00	0	.00	0	--	--	--	--
MAY												
16...	--	--	--	--	--	--	--	--	3530	3370	--	4.80
JUNE												
13...	--	--	--	--	--	--	--	--	4740	4410	--	6.45
JULY												
24...	--	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS-SOLVED NITRATE (NO3) (MG/L) (71851)	DIS-SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS-SOLVED MERCURY (HG) (UG/L) (71890)	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
OCT.							
09...	.00	.00	.03	.4	.0	<57	24
20...	.00	.09	.03	.3	--	--	--
NOV.							
05...	.04	2.8	.03	.2	.0	<43	21
DEC.							
04...	.00	3.2	.07	.3	.0	90	93
JAN.							
06...	.05	.04	.00	.4	.1	<53	28
FEB.							
24...	--	--	--	.4	--	--	--
MAR.							
31...	.01	4.4	.03	.5	.1	--	--
31...	--	--	--	--	--	<49	14
APR.							
21...	.04	4.2	.03	.2	.0	--	--
21...	--	--	--	--	--	<38	9.0
MAY							
16...	.01	3.7	.03	--	--	--	--
JUNE							
13...	.03	.09	.03	--	--	--	--
JULY							
24...	--	--	--	--	--	<69	27

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TYPE	TEMPERATURE (DEG C) (00010)	AIR TEMPERATURE (DEG C) (00020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	TURBIDITY (JTU) (00070)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)
OCT.												
07...	2	17.5	21.5	.03	4	7	5100	9.0	30	7.6	20	407
20...	2	15.9	--	15	3	--	4530	--	25	7.4	30	390
NOV.												
05...	2	15.5	11.0	.01	1	12	4150	11.0	27	8.3	3.9	395
28...	2	--	--	--	--	--	--	--	--	--	--	--
DEC.												
03...	2	3.0	2.5	.05	3	6	4390	11.0	23	7.5	25	410
JAN.												
05...	2	.5	--	.03	1	9	4600	6.4	20	7.7	17	435
FEB.												
24...	2	6.8	--	.30	10	--	4230	10.0	24	8.5	2.5	401
MAR.												
30...	2	12.8	--	1.1	--	--	3500	7.7	--	8.3	4.1	418
30...	2	12.8	--	1.1	--	--	3500	7.7	--	8.3	--	--
APR.												
21...	2	17.0	--	1.7	1200	10	~~2530~~ 4522	--	55	8.7	1.5	379
21...	2	17.0	--	1.7	--	--	~~2530~~	--	--	8.7	--	--
21...	2	17.0	--	1.7	--	--	~~2530~~	--	--	8.7	--	--
30...	2	15.0	--	--	--	--	4300	--	--	7.5	--	--
MAY												
17...	2	8.8	--	--	70	10	4300	--	--	7.8	11	366
JUNE												
12...	2	--	--	--	--	--	--	--	--	--	--	387
JULY												
20...	2	27.1	--	--	--	--	2250	--	--	7.8	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	TOTAL FILTRABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	PERIPHYTON BIOMASS ASH WEIGHT G/SQ M (00572)	PERIPHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M (00573)	DISSOLVED AMMONIA NITROGEN (N) (MG/L) (00608)	DISSOLVED NITRITE (N) (MG/L) (00613)	DISSOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJELDAHL NITROGEN (N) (MG/L) (00625)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DISSOLVED ORTHO PHOSPHATE (PO4) (MG/L) (00660)
OCT.												
07...	495	0	4200	0	--	--	.00	.03	.07	.75	.10	.00
20...	475	0	--	0	--	--	.01	.01	.01	.50	.02	.00
NOV.												
05...	481	0	3700	0	--	--	.02	.01	.06	.86	.07	.00
25...	--	--	--	--	4.30	4.50	--	--	--	--	--	--
DEC.												
03...	500	0	3600	0	--	--	.04	.01	.06	.59	.07	.03
JAN.												
08...	530	0	--	0	--	--	.03	.01	.03	.68	.04	.03
FEB.												
24...	489	0	--	0	--	--	.04	.02	1.7	1.1	1.7	.00
MAR.												
30...	510	0	--	0	--	--	.03	.01	1.3	1.3	1.3	.03
30...	--	--	4100	--	--	--	--	--	--	--	--	--
APR.												
21...	482	0	--	0	--	--	.03	.01	1.1	2.3	1.1	.00
21...	--	--	3500	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	1.54	1.92	--	--	--	--	--	--
MAY												
17...	446	0	--	--	--	--	.01	.01	.81	.58	.82	.00
JUNE												
12...	--	--	--	--	--	--	.03	.00	.89	--	--	.00
JULY												
20...	--	--	2300	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	DIS-SOL-VED ORGANIC CARBON (C) (MG/L) (00681)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	SUS-PENDED ORGANIC CARBON (C) (MG/L) (00689)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00745)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)
OCT.												
07...	.00	.00	15	--	--	--	.00	.2	1200	770	190	170
20...	.01	.00	--	--	--	--	--	.0	1100	690	170	160
NOV.												
03...	.00	.00	--	--	--	--	.00	.0	1100	690	170	160
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
03...	.00	.01	--	--	--	--	.00	.0	1100	670	170	160
JAN.												
05...	.00	.01	12	--	114	--	.00	.2	1200	720	180	170
FEB.												
24...	.03	.00	--	--	--	--	--	2.0	1000	640	170	150
MAR.												
30...	.52	.01	15	9.2	--	--	.00	.0	1100	710	170	170
30...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
21...	1.0	.00	--	6.2	--	.3	.00	1.3	990	610	130	160
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
17...	.12	.00	--	11	--	--	.00	--	990	620	130	160
JUNE												
12...	--	--	--	--	--	--	--	--	1100	670	--	--
JULY												
20...	--	--	--	--	--	--	--	--	--	--	--	--

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DATE	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)
OCT.												
07...	740	9.4	58	8.7	51	2300	.8	9.3	2	<100	10	--
20...	750	10	60	8.1	51	2300	.8	7.3	--	--	--	--
NOV.												
05...	780	10	61	8.9	52	2200	.8	6.8	2	0	--	--
23...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
03...	740	9.8	60	7.4	49	2100	.7	8.2	1	100	--	--
JAN.												
08...	730	9.4	58	7.7	57	2100	.8	8.8	0	20	10	<60
FEB.												
24...	680	9.2	58	8.2	45	2000	.7	9.0	--	--	--	--
MAR.												
30...	730	9.5	58	8.4	75	2200	.9	10	1	0	10	--
30...	--	--	--	--	--	--	--	--	--	40	<10	<90
APR.												
21...	710	9.9	61	5.8	34	2100	.6	10	1	0	0	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
17...	750	10	62	6.3	34	2200	.9	12	1	--	--	--
JUNE												
12...	--	9.0	58	--	--	--	--	--	0	--	--	--
JULY												
20...	--	--	--	10	--	--	--	--	--	--	--	--

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DATE	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)
OCT.												
07...	1800	0	10	1	4	0	0	90	53	4	0	4100
20...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
05...	1900	0	0	1	2	30	2	80	49	8	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
03...	1800	0	<10	1	2	20	1	130	43	6	--	--
JAN.												
06...	1900	0	0	1	5	20	0	110	39	4	0	3900
FEB.												
24...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
30...	1300	0	0	--	7	20	1	30	37	4	--	3700
30...	900	0	<60	<60	<13	60	<60	<60	110	<60	<6	3800
APR.												
21...	1000	0	20	--	3	30	2	10	26	3	--	3400
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
17...	10	--	--	--	--	10	--	30	--	--	--	3700
JUNE												
12...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
20...	--	--	--	--	--	--	--	--	--	--	--	--

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DATE	DIS-SOLVED VANA-DIUM (V) (UG/L) (01045)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	UNCOR-RECTED PERI-PHYTON CHLORO-PHYLL B MG/SQ M (32226)
OCT.												
07...	.7	10	--	20	--	--	170	1	--	--	27	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
05...	2.6	20	--	0	--	--	140	0	--	--	22	--
23...	--	--	--	--	--	--	--	--	--	--	--	.100
DEC.												
03...	1.1	10	--	20	--	--	110	0	--	--	44	--
JAN.												
06...	1.3	10	<60	10	<30	<130	120	0	<40	<130	--	--
FEB.												
24...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
30...	1.3	10	--	10	--	--	90	2	--	--	--	--
30...	<60	0	<100	110	<30	<60	100	--	<10	<130	30	--
APR.												
21...	1.1	10	--	0	--	--	70	3	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	26	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	.000
MAY												
17...	--	--	--	0	--	--	--	--	--	--	--	--
JUNE												
12...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
20...	--	--	--	--	--	--	--	--	--	--	54	--

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DATE	UNCORRECTED PERIPHYTON CHLOROPHYLL A MG/SQ M (32228)	CHLOROPHYLL A (UG/L) (32230)	CHLOROPHYLL B (UG/L) (32231)	PHENOLS (UG/L) (32730)	METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) (38260)	POLYCHLORINATED NAPHTHALENES (UG/L) (39250)	TOTAL ALDRIN (UG/L) (39330)	ALDRIN IN BOTTOM MATERIAL (UG/KG) (39333)	TOTAL LINDANE (UG/L) (39340)	LINDANE IN BOTTOM MATERIAL (UG/KG) (39343)	TOTAL CHLORDANE (UG/L) (39350)	CHLORDANE IN BOTTOM MATERIAL (UG/KG) (39351)
OCT.												
07...	--	2.40	.100	0	.0	--	.00	--	.00	--	.0	--
20...	--	--	--	4	--	--	--	--	--	--	--	--
NOV.												
05...	--	1.90	.900	2	--	--	--	--	--	--	--	--
25...	1.70	--	--	--	--	--	--	--	--	--	--	--
DEC.												
03...	--	1.60	.300	1	--	--	--	--	--	--	--	--
JAN.												
08...	--	.000	.000	2	--	--	--	--	--	--	--	--
FEB.												
24...	--	--	--	3	--	--	--	--	--	--	--	--
MAR.												
30...	--	--	--	3	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
21...	--	--	--	2	.0	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	.00	.00	.0	.00	.0	.0	0
30...	.000	--	--	--	--	--	--	--	--	--	--	--
MAY												
17...	--	--	--	1	--	--	--	--	--	--	--	--
JUNE												
12...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
20...	--	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL DDD (UG/L) (39360)	DDD IN BOTTOM MATERIAL (UG/KG) (39363)	TOTAL DDE (UG/L) (39365)	DDE IN BOTTOM MATERIAL (UG/KG) (39368)	TOTAL DDT (UG/L) (39370)	DDT IN BOTTOM MATERIAL (UG/KG) (39373)	TOTAL DIELDRIN (UG/L) (39380)	DIELDRIN IN BOTTOM MATERIAL (UG/KG) (39383)	TOTAL ENDRIN (UG/L) (39390)	ENDRIN IN BOTTOM MATERIAL (UG/KG) (39393)	TOTAL TOXAPHENE (UG/L) (39400)	TOXAPHENE IN BOTTOM MATERIAL (UG/KG) (39403)
OCT.												
07...	.00	--	.00	--	.00	--	.00	--	.00	--	0	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
05...	--	--	--	--	--	--	--	--	--	--	--	--
25...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
03...	--	--	--	--	--	--	--	--	--	--	--	--
JAN.												
08...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
24...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
30...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0	0	0
30...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
17...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
12...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
20...	--	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL HEPTA-CHLOR (UG/L) (39410)	HEPTA-CHLOR IN BOTTOM MA-TERIAL (UG/KG) (39413)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	HEPTA-CHLOR EPOXIDE IN BOT-TOM MA-TERIAL (UG/KG) (39423)	TOTAL PCB (UG/L) (39516)	PCB IN BOTTOM MA-TERIAL (UG/KG) (39519)	TOTAL 2,4-D (UG/L) (39730)	2,4-D IN BOTTOM MA-TERIAL (UG/KG) (39731)	TOTAL 2,4,5-T (UG/L) (39740)	2,4,5-T IN BOTTOM MA-TERIAL (UG/KG) (39741)	TOTAL SILVEX (UG/L) (39760)	SILVEX IN BOTTOM MA-TERIAL (UG/KG) (39761)
OCT.												
07...	.00	--	.00	--	.0	--	.00	--	.00	--	.00	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
05...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
03...	--	--	--	--	--	--	--	--	--	--	--	--
JAN.												
08...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
24...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
30...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	.00	.0	.00	.0	.0	0	.00	0	.00	0	.00	0
30...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
17...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
12...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
20...	--	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_ SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_ SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS-SOLVED MERCURY (HG) (UG/L) (71890)	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
OCT.											
07...	3970	3720	.32	5.40	.00	.31	.10	.3	.0	<48	23
20...	3440	3690	156	5.22	.01	.04	.03	.2	--	--	--
NOV.											
05...	3820	3620	.10	5.20	.03	.27	.03	.4	.0	62	18
28...	--	--	--	--	--	--	--	--	--	--	--
DEC.											
03...	3470	3480	.47	4.72	.05	.27	.03	.3	.0	98	35
JAN.											
08...	3870	3520	.31	5.26	.04	.13	.03	.3	.0	--	--
FEB.											
24...	3560	3310	2.88	4.84	.05	7.4	.07	.5	--	--	--
MAR.											
30...	3790	3630	11.3	5.15	.04	5.7	.03	.6	.0	--	--
30...	--	--	--	--	--	--	--	--	--	59	25
APR.											
21...	3540	3390	16.2	4.81	.04	4.8	.03	.2	.0	--	--
21...	--	--	--	--	--	--	--	--	--	86	21
21...	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--
MAY											
17...	3670	3520	--	4.99	.01	3.6	.03	--	--	--	--
JUNE											
12...	--	3390	--	4.80	.04	3.9	.03	--	--	--	--
JULY											
20...	--	--	--	--	--	--	--	--	--	<22	43

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TYPE	TEMPERATURE (DEG C) (00010)	AIR TEMPERATURE (DEG C) (00020)	SURFACE AREA (SQUARE MILES) (00049)	INSTANTANEOUS DISCHARGE (CFS) (00061)	TURBIDITY (JTU) (00070)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)
OCT.												
06...	2	14.2	--	4020	416	25	5	720	8.0	11	8.5	1.1
20...	2	9.3	--	4020	440	8	--	704	--	4	--	--
NOV.												
04...	2	7.6	10.5	4020	492	50	5	625	10.2	9	8.2	2.3
23...	2	--	--	4020	--	--	--	--	--	--	--	--
DEC.												
01...	2	.0	--	4020	272	20	5	808	9.8	6	8.0	3.9
JAN.												
05...	2	.5	-7.0	4020	220	7	4	831	11.4	1	8.0	4.0
FEB.												
24...	2	.0	--	4020	275	45	--	849	11.7	24	8.8	.6
MAR.												
03...	2	-1.0	--	4020	853	--	--	700	9.6	--	7.7	5.6
30...	2	8.9	--	4020	426	--	--	900	10.3	--	8.6	1.1
30...	2	8.9	--	4020	426	--	--	900	--	--	8.6	--
APR.												
06...	2	9.0	12.0	4020	547	--	--	890	8.9	--	7.9	5.0
19...	2	10.5	--	4020	--	--	--	--	--	--	6.8	--
21...	2	12.5	--	4020	508	350	10	876	6.8	25	8.8	.6
21...	2	12.5	--	4020	508	--	--	876	6.8	--	8.8	--
21...	2	12.5	--	4020	508	--	--	876	6.8	--	8.8	--
MAY												
04...	2	15.4	25.5	4020	922	--	--	580	7.6	--	6.5	96
15...	2	14.7	--	4020	--	440	27	435	--	--	7.0	24
JULY												
21...	2	13.1	--	4020	--	--	--	800	--	--	7.0	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	TOTAL FILTRABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	PERIPHYTON BIOMASS ASH WEIGHT G/SQ M (00572)	PERIPHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M (00573)	DISSOLVED AMMONIA NITROGEN (N) (MG/L) (00608)	DISSOLVED NITRITE (N) (MG/L) (00613)	DISSOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJELDAHL NITROGEN (N) (MG/L) (00625)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)
OCT.												
06...	174	212	0	480	0	--	--	.01	.00	.00	.41	.00
20...	177	216	0	--	0	--	--	.01	.00	.00	.25	.00
NOV.												
04...	183	223	0	500	0	--	--	.02	.00	.02	.67	.02
24...	--	--	--	--	--	.100	.400	--	--	--	--	--
DEC.												
01...	198	241	0	520	0	--	--	.00	.01	.15	.29	.16
JAN.												
05...	205	250	0	--	0	--	--	.04	.00	.25	.42	.25
FEB.												
24...	194	237	0	--	0	--	--	--	--	--	.59	.33
MAR.												
03...	144	175	0	--	--	--	--	--	--	--	--	.56
30...	218	248	9	--	0	--	--	.01	.00	.09	.44	.09
30...	--	--	--	650	--	--	--	--	--	--	--	--
APR.												
06...	205	250	0	--	--	--	--	--	--	--	--	4.3
19...	--	--	--	--	--	22.9	27.2	--	--	--	--	--
21...	204	238	5	--	0	--	--	.03	.01	.10	1.4	.11
21...	--	--	--	620	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
04...	156	190	0	--	--	--	--	--	--	--	--	.17
15...	123	150	0	--	--	--	--	.00	.00	.23	1.4	.23
JULY												
21...	--	--	--	570	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00650)	TOTAL PHOS-PHORUS (P) (MG/L) (00655)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	DIS-SOL-VED ORGANIC CARBON (C) (MG/L) (00681)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	SUS-PENDED ORGANIC CARBON (C) (MG/L) (00689)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)
OCT.												
06...	.00	.03	.00	3.3	--	--	--	.00	.2	250	79	63
20...	.00	.03	.00	--	--	--	--	--	.0	260	81	64
NOV.												
04...	.06	.08	.02	--	--	--	--	.00	.0	270	83	67
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	.03	.00	.01	--	--	--	--	.00	.0	280	83	71
JAN.												
05...	.03	.01	.01	3.1	--	53	--	.00	.0	300	96	79
FEB.												
24...	.00	.07	.00	--	--	--	--	--	.0	290	96	70
MAR.												
03...	.03	--	.01	--	--	--	--	--	--	220	79	56
30...	.00	.27	.00	4.5	7.3	--	--	.00	.0	320	100	73
30...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
06...	.00	--	.00	--	--	--	--	--	--	310	100	71
19...	--	--	--	--	--	--	--	--	--	--	--	--
21...	.03	.45	.01	--	4.0	--	.2	.00	.3	290	87	68
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
04...	.18	--	.06	--	--	--	--	--	--	210	59	53
15...	.03	.66	.01	--	4.0	--	--	.00	--	170	47	43
JULY												
21...	--	--	--	--	--	--	--	--	--	--	--	--

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DATE	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)
OCT.												
06...	23	57	1.6	33	1.7	31	150	.3	11	1	<100	0
20...	24	52	1.4	30	1.8	31	150	.3	11	--	--	--
NOV.												
04...	24	59	1.6	32	1.8	33	160	.3	12	1	0	--
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	25	67	1.7	34	1.7	36	170	.2	15	0	100	--
JAN.												
05...	25	60	1.5	30	2.2	39	160	.2	15	0	60	0
FEB.												
24...	28	76	1.9	36	2.8	41	190	.3	13	--	--	--
MAR.												
03...	20	65	1.9	38	3.4	25	180	.2	8.6	--	--	--
30...	33	86	2.1	37	2.2	43	230	.3	12	0	0	10
30...	--	--	--	--	--	--	--	--	--	--	60	<3
APR.												
06...	32	76	1.9	35	2.4	38	210	.3	12	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--
21...	29	79	2.0	37	2.2	34	220	.3	12	1	0	0
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
04...	20	40	1.2	29	3.0	22	120	.3	11	--	--	--
15...	15	26	.9	25	1.0	13	81	.2	12	1	--	--
JULY												
21...	--	--	--	--	3.0	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)
OCT.												
06...	<3	50	0	10	1	1	0	0	10	3	2	0
20...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
04...	--	50	1	4	1	3	30	0	4	2	5	--
25...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	--	70	0	<10	0	5	30	0	0	3	3	--
JAN.												
05...	<10	50	0	0	1	3	0	1	0	4	2	0
FEB.												
24...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
03...	--	100	--	--	--	--	--	--	--	--	--	--
30...	--	60	0	0	--	2	10	1	0	3	4	--
30...	<17	120	0	<11	<11	20	870	37	20	140	<11	<2
APR.												
06...	--	70	--	--	--	--	30	--	0	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	80	0	0	--	3	60	0	10	3	2	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
04...	--	50	--	--	--	--	60	--	10	--	--	--
15...	--	30	--	--	--	--	10	--	0	--	--	--
JULY												
21...	--	--	--	--	--	--	--	--	--	--	--	--

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DATE	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)
OCT.												
06...	870	2.1	10	<3	20	<2	<7	10	1	<2	<5	3.7
20...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
04...	--	2.7	20	--	40	--	--	10	1	--	--	1.9
23...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	--	1.5	0	--	30	--	--	10	1	--	--	3.1
JAN.												
05...	980	1.4	0	<10	0	<5	<20	10	1	<6	<20	--
FEB.												
24...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
03...	--	--	--	--	--	--	--	--	--	--	--	--
30...	1000	1.5	10	--	10	--	--	20	1	--	--	--
30...	1000	<11	60	<17	90	<6	<10	20	--	<3	<30	2.9
APR.												
06...	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--
21...	880	1.8	0	--	20	--	--	0	2	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	<1.9
21...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
04...	--	--	--	--	--	--	--	--	--	--	--	--
15...	480	--	--	--	40	--	--	--	--	--	--	--
JULY												
21...	--	--	--	--	--	--	--	--	--	--	--	6.3

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DATE	UNCORRECTED PERIPHYTON CHLOROPHYLL B MG/SQ M (32226)	UNCORRECTED PERIPHYTON CHLOROPHYLL A MG/SQ M (32228)	CHLOROPHYLL A (UG/L) (32230)	CHLOROPHYLL B (UG/L) (32231)	PHENOLS (UG/L) (32730)	METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) (38260)	POLYCHLORINATED NAPHTHALENES (UG/L) (39250)	TOTAL ALDRIN (UG/L) (39330)	ALDRIN IN BOTTOM MATERIAL (UG/KG) (39333)	TOTAL LINDANE (UG/L) (39340)	LINDANE IN BOTTOM MATERIAL (UG/KG) (39343)	TOTAL CHLORDANE (UG/L) (39350)
OCT.												
06...	--	--	1.50	1.10	2	.0	--	.00	--	.00	--	.0
20...	--	--	--	--	4	--	--	--	--	--	--	--
NOV.												
04...	--	--	.800	.500	11	--	--	--	--	--	--	--
28...	.000	.200	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	--	--	.900	.000	2	--	--	--	--	--	--	--
JAN.												
05...	--	--	1.80	.400	3	--	--	--	--	--	--	--
FEB.												
24...	--	--	--	--	3	--	--	--	--	--	--	--
MAR.												
03...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	3	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
06...	--	--	--	--	--	--	--	--	--	--	--	--
19...	.000	7.56	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	4	.0	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	.00	.00	.0	.00	.0	.0
MAY												
04...	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	7	--	--	--	--	--	--	--
JULY												
21...	--	--	--	--	--	--	--	--	--	--	--	--

Unpublished Records
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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	CHLORDANE IN BOTTOM MATERIAL (UG/KG) (39351)	TOTAL DDD (UG/L) (39360)	DDD IN BOTTOM MATERIAL (UG/KG) (39363)	TOTAL DDE (UG/L) (39365)	DDE IN BOTTOM MATERIAL (UG/KG) (39368)	TOTAL DDT (UG/L) (39370)	DDT IN BOTTOM MATERIAL (UG/KG) (39373)	TOTAL DIELDRIN (UG/L) (39380)	DIELDRIN IN BOTTOM MATERIAL (UG/KG) (39383)	TOTAL ENDRIN (UG/L) (39390)	ENDRIN IN BOTTOM MATERIAL (UG/KG) (39393)	TOTAL TOXAPHENE (UG/L) (39400)
OCT.												
06...	--	.00	--	.00	--	.00	--	.00	--	.00	--	0
20...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	--	--	--	--	--	--	--	--	--	--	--	--
JAN.												
05...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
24...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
03...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
06...	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	0	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0	0
MAY												
04...	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
21...	--	--	--	--	--	--	--	--	--	--	--	--

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DATE	TOX-APHENE IN BOTTOM MA-TERIAL (UG/KG) (39403)	TOTAL HEPTA-CHLOR (UG/L) (39410)	HEPTA-CHLOR IN BOTTOM MA-TERIAL (UG/KG) (39413)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	HEPTA-CHLOR EPOXIDE IN BOT-TOM MA-TERIAL (UG/KG) (39423)	TOTAL PCB (UG/L) (39516)	PCB IN BOTTOM MA-TERIAL (UG/KG) (39519)	TOTAL 2,4-D (UG/L) (39730)	2,4-D IN BOTTOM MA-TERIAL (UG/KG) (39731)	TOTAL 2,4,5-T (UG/L) (39740)	2,4,5-T IN BOTTOM MA-TERIAL (UG/KG) (39741)	TOTAL SILVEX (UG/L) (39760)
OCT.												
06...	--	.00	--	.00	--	.0	--	.00	--	.00	--	.00
20...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	--	--	--	--	--	--	--	--	--	--	--	--
JAN.												
05...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
26...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
03...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
06...	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	0	.00	.0	.00	.0	.0	0	.00	0	.00	0	.00
MAY												
04...	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
21...	--	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	SILVER IN BOTTOM MATERIAL (UG/KG) (39761)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS-SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS-SOLVED NITRATE (NO3) (MG/L) (71851)	DIS-SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)
OCT.									
06...	--	461	443	518	.63	.01	.00	.00	.1
20...	--	456	441	542	.62	.01	.00	.00	.0
NOV.									
04...	--	484	468	643	.66	.03	.09	.00	.1
25...	--	--	--	--	--	--	--	--	--
DEC.									
01...	--	515	506	378	.70	.00	.66	.03	.1
JAN.									
05...	--	533	506	317	.72	.05	1.1	.00	.1
FEB.									
24...	--	566	540	420	.77	--	--	--	.1
MAR.									
03...	--	--	447	1030	.61	--	--	--	--
30...	--	635	613	730	.86	.01	.40	.00	.2
30...	--	--	--	--	--	--	--	--	--
APR.									
06...	--	--	584	803	.79	--	--	--	--
19...	--	--	--	--	--	--	--	--	--
21...	--	579	569	794	.79	.04	.44	.03	.1
21...	--	--	--	--	--	--	--	--	--
21...	0	--	--	--	--	--	--	--	--
MAY									
04...	--	--	364	906	.50	--	--	--	--
19...	--	246	267	--	.39	.00	1.0	.00	--
JULY									
21...	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED MERCURY (HG) (UG/L) (71890)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL) (72000)	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
OCT.				
06...	.0	4947	7.9	3.0
20...	--	4947	--	--
NOV.				
04...	.0	4947	<6.9	1.6
28...	--	4947	--	--
DEC.				
01...	.0	4947	14	2.5
JAN.				
05...	.1	4947	--	--
FEB.				
24...	--	4947	--	--
MAR.				
03...	--	4947	--	--
30...	.0	4947	--	--
30...	--	4947	17	2.3
APR.				
06...	--	4947	--	--
19...	--	4947	--	--
21...	.0	4947	--	--
21...	--	4947	11	<1.6
21...	--	4947	--	--
MAY				
04...	--	4947	--	--
15...	--	4947	--	--
JULY				
21...	--	4947	9.3	5.2

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TYPE	TEMPERATURE (DEG C) (00010)	AIR TEMPERATURE (DEG C) (00020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	TURBIDITY (JTU) (00070)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)
OCT.												
08...	2	10.0	--	409	25	5	740	9.1	10	8.7	.7	176
21...	2	6.9	--	430	10	--	710	--	2	--	--	178
NOV.												
28...	2	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	2	.5	4.0	299	30	5	750	11.7	11	7.7	7.8	199
APR.												
19...	2	9.8	--	--	--	--	--	--	--	6.8	--	--
22...	2	12.3	--	503	170	20	830	7.8	25	9.4	.2	201
22...	2	12.3	--	503	--	--	830	7.8	--	9.4	--	--
MAY												
19...	2	15.0	--	--	310	40	370	--	--	7.0	23	116

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)	TOTAL FILT-RABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	PERI-PHYTON BIOMASS ASH WEIGHT G/SQ M (00572)	PERI-PHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M (00573)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)
OCT.												
08...	210	2	480	0	--	--	.00	.00	.00	.44	.00	.00
21...	217	0	--	0	--	--	.00	.00	.00	.25	.00	.00
NOV.												
28...	--	--	--	--	.000	.000	--	--	--	--	--	--
DEC.												
01...	243	0	540	0	--	--	.00	.01	.20	1.1	.21	.06
APR.												
19...	--	--	--	--	2.31	2.85	--	--	--	--	--	--
22...	239	3	--	0	--	--	.03	.00	.08	.72	.08	.00
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
19...	141	0	--	--	--	--	.03	.01	.28	.71	.29	.03

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	DIS-SOL-VED ORGANIC CARBON (C) (MG/L) (00681)	SUS-PENDED ORGANIC CARBON (C) (MG/L) (00689)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)
OCT.												
08...	.04	.00	7.3	--	--	.00	.2	260	84	64	24	55
21...	.04	.00	--	--	--	--	.0	260	84	67	23	52
NOV.												
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	.03	.02	--	--	--	.00	.0	280	78	73	23	64
APR.												
19...	--	--	--	--	--	--	--	--	--	--	--	--
22...	.28	.00	--	12	.5	.00	.0	300	100	71	30	78
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
19...	.49	.01	--	4.4	--	.00	--	150	32	39	12	19

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DATE	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)
OCT.												
08...	1.5	31	1.7	33	150	.3	11	1	<100	0	<3	70
21...	1.4	30	1.6	32	140	.2	11	--	--	--	--	--
NOV.												
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	1.7	33	1.7	35	160	.3	14	0	100	--	--	100
APR.												
19...	--	--	--	--	--	--	--	--	--	--	--	--
22...	2.0	36	2.2	35	220	.2	12	1	0	0	--	70
22...	--	--	--	--	--	--	--	--	50	<3	<10	60
MAY												
19...	.7	22	1.4	11	63	.2	11	1	--	--	--	0

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DATE	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)
OCT.												
08...	0	10	0	2	0	0	10	4	2	0	820	2.0
21...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
23...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	0	<10	0	2	0	1	0	3	4	--	--	1.5
APR.												
19...	--	--	--	--	--	--	--	--	--	--	--	--
22...	1	10	--	3	20	1	10	3	3	--	900	1.9
22...	1	<10	<10	4	40	<10	10	7	<10	<1	700	<10
MAY												
19...	--	--	--	--	10	--	0	--	--	--	470	--

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DATE	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	UNCOR-RECTED PERI-PHYTON CHLORO-PHYLL B MG/SQ M (32226)	UNCOR-RECTED PERI-PHYTON CHLORO-PHYLL A MG/SQ M (32228)
OCT.												
08...	10	<3	10	<2	<7	10	1	<2	<5	8.3	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
24...	--	--	--	--	--	--	--	--	--	--	.000	.000
DEC.												
01...	10	--	20	--	--	10	1	--	--	4.7	--	--
APR.												
19...	--	--	--	--	--	--	--	--	--	--	.000	.979
22...	0	--	20	--	--	10	2	--	--	--	--	--
22...	0	<10	60	<5	<20	* 10	--	<6	<20	--	--	--
MAY												
19...	--	--	10	--	--	--	--	--	--	--	--	--

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DATE	CHLORO-PHYLL A (UG/L) (32230)	CHLORO-PHYLL B (UG/L) (32231)	PHENOLS (UG/L) (32730)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	TOTAL ALDRIN (UG/L) (39330)	TOTAL LINDANE (UG/L) (39340)	TOTAL CHLOR-DANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DI-ELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)
OCT.												
06...	0.80	15.0	2	.2	.00	.00	.0	.00	.00	.00	.00	.00
21...	--	--	3	--	--	--	--	--	--	--	--	--
NOV.												
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	1.20	.900	1	--	--	--	--	--	--	--	--	--
APR.												
19...	--	--	--	--	--	--	--	--	--	--	--	--
22...	--	--	4	.0	--	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
19...	--	--	0	--	--	--	--	--	--	--	--	--

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DATE	TOTAL TOX-APHENE (UG/L) (39400)	TOTAL HEPTA-CHLOR (UG/L) (39410)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL PCB (UG/L) (39516)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS-SOLVED AMMONIA (NH4) (MG/L) (71846)
OCT.												
08...	0	.00	.00	.0	.00	.00	.00	464	446	512	.63	.00
21...	--	--	--	--	--	--	--	459	434	533	.62	.00
NOV.												
29...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	--	--	--	--	--	--	--	504	492	407	.69	.00
APR.												
19...	--	--	--	--	--	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	590	571	801	.80	.04
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
19...	--	--	--	--	--	--	--	224	228	--	.30	.04

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WATER QUALITY DATA. WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS- SOLVED NITRATE (NO3) (MG/L) (71851)	DIS- SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS- SOLVED MERCURY (HG) (UG/L) (71890)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
OCT.						
08...	.00	.03	.1	.0	5.3	6.6
21...	.00	.00	.0	--	--	--
NOV.						
23...	--	--	--	--	--	--
DEC.						
01...	.89	.03	.1	.2	9.1	3.9
APR.						
19...	--	--	--	--	--	--
22...	.35	.00	.1	.0	--	--
22...	--	--	--	--	--	--
MAY						
19...	1.2	.03	--	--	--	--

UNITED STATES DEPARTMENT INTERIOR - GEOLOGICAL SURVEY
09306605 - SOUTHAM CAN WASH NR WATSON UT

PROCES DATE 08/25/76
DISTRICT CODE 49

Unpublished Records
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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TYPE	TEMPER-ATURE (DEG C) (00010)	INSTAN-TANEOUS DIS-CHARGE (CFS) (00061)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	DIS-SOLVED OXYGEN (MG/L) (00300)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKA-LINITY AS CACO3 (MG/L) (00410)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)
FEB.											
12...	<	.0	.01	130	11.4	7.9	2.2	89	109	0	.45
13...	<	.0	.01	180	11.4	7.7	2.4	62	75	0	.54

Unpublished Records
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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306605 - SOUTHAM CAN WASH NR WATSON UT

PROCESS DATE 08/25/76
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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)
FEB.										
12...	.18	.05	77	0	28	1.6	15	.7	29	2.2
13...	.12	.04	42	0	15	1.0	13	.9	39	1.6

Unpublished Records
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09306605 - SOUTHAM CAN WASH NR WATSON UT

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)
FEB.										
12...	2.2	12	.1	5.3	70	190	0	123	.00	.17
13...	1.5	7.5	.1	5.2	50	160	10	85	.00	.12

Unpublished Records
Subject to Revision

[illegible]

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

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DATE	TYPE	TEMPER-ATURE (DEG C) (00010)	INSTAN-TANEOUS DIS-CHARGE (CFS) (00061)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	DIS-SOLVED OXYGEN (MG/L) (00300)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKA-LINITY AS CACO3 (MG/L) (00410)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)
FEB. 12...	2	.0	.20	330	11.5	8.1	2.7	176	215	0	1.4

Unpublished Records
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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
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PROCESS DATE 08/25/76
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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00650)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)
FEB. 12...	.28	.09	84	0	29	2.8	50	2.4	56	2.5

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306610 - SOUTHAM CAN WASH AT MOUTH NR WATSON UT

PROCESS DATE 08/25/76
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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)
FEB. 12...	2.8	55	.2	7.3	100	290	10	262	.14	.36

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PROCESS DATE 08/25/76
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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

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DATE	TYPE	DEPTH (FT) (00003)	TEMPER-ATURE (DEG C) (00010)	INSTAN-TANEOUS DIS-CHARGE (CFS) (00061)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	DIS-SOLVED OXYGEN (MG/L) (00300)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKA-LINITY AS CACO3 (MG/L) (00410)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)
FEB.											
11...	2	--	.0	1.6	400	11.6	8.1	1.9	123	150	0
12...	2	.0	310	.15	--	12.0	7.8	3.7	121	147	0

Unpublished Records
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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306620 - ASPHALT WASH BLW CENTER FORK NR WATSON UT

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)
FEB.											
11...	1.8	.18	.06	51	0	16	2.7	59	3.6	69	4.5
12...	1.0	.28	.09	42	0	13	2.3	54	3.6	72	3.8

[illegible] - ASPHALT WASH BLW CENTER FORK NR WATSON CT
PROCESS [illegible]
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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)
FEB.										
11...	6.9	45	.2	5.3	230	180	10	222	.97	.30
12...	5.8	32	.2	5.5	150	300	10	194	.08	.26

Unpublished Records
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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306625 - ASPHALT WASH AT MOUTH NR WATSON UT

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TYPE	TEMPERATURE (DEG C) (00010)	INSTANTANEOUS DISCHARGE (CFS) (00061)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)
FEB.											
11...	2	.0	.80	320	12.0	8.0	3.2	167	203	0	1.8

Unpublished Records
Subject to Revision

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)
FEB. 11...	.31	.10	110	0	23	13	67	2.8	56	4.2

Unpublished Records
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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)
FEB. 11...	7.5	77	.2	4.8	250	360	10	306	.66	.42

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09306700 - WHITE R BLW ASPHALT WASH NR WATSON UT

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TYPE	TEMPERATURE (DEG C) (00010)	AIR TEMPERATURE (DEG C) (00020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	TURBIDITY (JTU) (00070)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)
OCT.												
09...	2	9.3	--	437	20	7	750	9.4	15	8.1	2.7	176
21...	2	6.9	--	430	10	--	704	--	2	--	--	178
NOV.												
03...	2	6.1	--	500	150	200	750	9.2	15	8.4	1.5	196
28...	2	--	--	--	--	--	--	--	--	--	--	--
DEC.												
02...	2	.5	5.0	331	30	5	725	11.9	13	7.8	6.0	193
JAN.												
07...	2	-.5	--	--	15	5	825	11.3	1	8.0	4.2	216
FEB.												
24...	2	.0	--	263	6	--	860	11.7	19	8.0	3.7	192
MAR.												
30...	2	4.5	--	426	--	--	970	7.8	--	8.0	4.3	221
30...	2	4.5	--	426	--	--	970	7.8	--	8.0	--	--
APR.												
22...	2	10.7	--	500	260	15	810	7.3	25	--	--	204
22...	2	10.7	--	500	--	--	810	7.3	--	9.4	--	--
MAY												
14...	2	17.1	--	--	400	34	440	--	--	8.1	1.9	122
JULY												
22...	2	23.6	--	--	--	--	675	--	--	7.7	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	TOTAL FILTRABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	PERIPHYTON BIOMASS ASH WEIGHT G/SQ M (00572)	PERIPHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M (00573)	DISSOLVED AMMONIA NITROGEN (N) (MG/L) (00608)	DISSOLVED NITRITE (N) (MG/L) (00613)	DISSOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJELDAHL NITROGEN (N) (MG/L) (00625)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DISSOLVED ORTHO PHOSPHATE (PO4) (MG/L) (00660)
OCT.												
09...	215	0	480	0	--	--	.00	.00	.00	.28	.00	.00
21...	217	0	--	0	--	--	.01	.00	.05	.24	.05	.00
NOV.												
03...	239	0	520	0	--	--	.03	.01	.02	1.1	.03	.00
25...	--	--	--	--	24.0	24.0	--	--	--	--	--	--
DEC.												
02...	235	0	1900	0	--	--	.04	.01	.14	.48	.15	.03
JAN.												
07...	263	0	--	0	--	--	.05	.00	.27	.49	.27	.09
FEB.												
24...	234	0	--	0	--	--	--	.01	.38	.55	.39	.06
MAR.												
30...	269	0	--	0	--	--	.02	.01	.07	.76	.08	.03
30...	--	--	700	--	--	--	--	--	--	--	--	--
APR.												
22...	234	7	--	0	--	--	.03	.01	.10	1.1	.11	.00
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
14...	149	0	--	--	--	--	.01	.00	.29	3.3	.29	.03
JULY												
22...	--	--	580	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	DIS-SOL-VED ORGANIC CARBON (C) (MG/L) (00681)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	SUS-PENDED ORGANIC CARBON (C) (MG/L) (00689)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)
OCT.												
09...	.07	.00	6.0	--	--	--	.00	.2	250	77	63	23
21...	.08	.00	--	--	--	--	--	.0	260	84	67	23
NOV.												
03...	.10	.00	--	--	--	--	.00	.1	280	79	69	25
23...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
02...	.00	.01	--	--	--	--	.00	.0	270	81	70	24
JAN.												
07...	.03	.03	2.8	--	57	--	.00	.1	310	95	81	26
FEB.												
24...	.09	.02	--	--	--	--	--	.3	290	100	69	29
MAR.												
30...	.34	.01	4.6	4.6	--	--	.00	.0	340	110	76	35
30...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
22...	.34	.00	--	3.0	--	.4	.00	--	300	93	69	30
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
14...	.54	.01	--	5.5	--	--	.00	--	170	45	42	15
JULY												
22...	--	--	--	--	--	--	--	--	--	--	--	--

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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306700 - WHITE R AT ASPHALT WASH NR WATSON UT

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)
OCT.												
09...	57	1.6	33	1.6	33	150	.3	10	1	<100	0	<3
21...	56	1.5	32	1.6	32	160	.2	11	--	--	--	--
NOV.												
03...	66	1.7	34	2.0	35	180	.3	12	1	0	--	--
25...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
02...	66	1.7	34	1.7	34	160	.2	14	1	100	--	--
JAN.												
07...	62	1.5	30	2.3	43	180	.3	15	0	70	0	<10
FEB.												
24...	66	1.7	33	3.8	39	180	.3	13	--	--	--	--
MAR.												
30...	89	2.1	37	2.4	45	240	.3	13	0	0	0	--
30...	--	--	--	--	--	--	--	--	--	60	<3	<17
APR.												
22...	78	2.0	36	2.2	35	210	.2	12	1	100	0	--
22...	--	--	--	--	--	--	--	--	--	60	<3	<10
MAY												
14...	26	.9	25	1.5	13	77	.2	12	1	--	--	--
JULY												
22...	--	--	--	5.2	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
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Subject to Revision

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)
OCT.												
09...	70	1	10	0	3	0	0	10	3	0	0	780
21...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
03...	80	0	0	0	13	30	0	4	2	4	--	--
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
02...	70	0	<10	1	2	0	0	0	3	3	--	--
JAN.												
07...	80	0	0	0	2	30	1	10	5	2	0	1000
FEB.												
24...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
30...	70	0	0	--	6	40	1	10	4	2	--	1000
30...	60	0	<11	<11	6	40	<11	<10	150	<11	<2	1000
APR.												
22...	70	1	10	--	2	20	0	0	1	2	--	860
22...	70	1	<10	<10	4	40	<10	<10	6	<10	<1	720
MAY												
14...	20	--	--	--	--	20	--	0	--	--	--	460
JULY												
22...	--	--	--	--	--	--	--	--	--	--	--	--

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306700 - WHITE R BLW ASPHALT WASH NR WATSON UT

PROCESS DATE 0[illegible]25/76
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED VANA-DIUM (V) (UG/L) (01045)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	UNCOR-RECTED PERI-PHYTON CHLORO-PHYLL B MG/SQ M (32226)
OCT.												
09...	2.1	10	<3	0	<2	<7	10	1	<2	<5	3.2	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
03...	2.5	10	--	20	--	--	8	1	--	--	2.9	--
28...	--	--	--	--	--	--	--	--	--	--	--	.000
DEC.												
02...	1.4	10	--	30	--	--	8	1	--	--	4.1	--
JAN.												
07...	1.5	10	<10	10	<5	<20	10	1	<7	<20	--	--
FEB.												
24...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
30...	1.5	10	--	40	--	--	20	1	--	--	--	--
30...	<11	30	<17	40	<6	<10	20	--	<3	<30	<2.4	--
APR.												
22...	2.0	0	--	10	--	--	20	1	--	--	--	--
22...	<10	0	<10	50	<5	<20	10	--	<6	<20	--	--
MAY												
14...	--	--	--	70	--	--	--	--	--	--	--	--
JULY												
22...	--	--	--	--	--	--	--	--	--	--	8.1	--

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306700 - WHITE R BLW ASPHALT WASH NR WATSON UT

PROCESS DATE 8/25/76
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	UNCORRECTED PERI-PHYTON CHLORO-PHYLL A MG/SQ M (32228)	CHLORO-PHYLL A (UG/L) (32230)	CHLORO-PHYLL B (UG/L) (32231)	PHENOLS (UG/L) (32730)	METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) (38260)	TOTAL ALDRIN (UG/L) (39330)	TOTAL LINDANE (UG/L) (39340)	TOTAL CHLORDANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DIELDRIN (UG/L) (39380)
OCT.												
09...	--	1.60	1.80	0	.0	.00	.00	.0	.00	.00	.00	.00
21...	--	--	--	4	--	--	--	--	--	--	--	--
NOV.												
03...	--	5.10	2.10	2	--	--	--	--	--	--	--	--
28...	.700	--	--	--	--	--	--	--	--	--	--	--
DEC.												
02...	--	.500	.000	0	--	--	--	--	--	--	--	--
JAN.												
07...	--	2.50	.000	2	--	--	--	--	--	--	--	--
FEB.												
24...	--	--	--	2	--	--	--	--	--	--	--	--
MAR.												
30...	--	--	--	6	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
22...	--	--	--	2	.0	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
14...	--	--	--	2	--	--	--	--	--	--	--	--
JULY												
22...	--	--	--	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306700 - WHITE R BLW ASPHALT WASH NR WATSON UT

PROCESS DATE 08/25/76
DISTRICT CODE 49

Unpublished Records
Subject to Revision

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL ENDRIN (UG/L) (39390)	TOTAL TOX-APHENE (UG/L) (39400)	TOTAL HEPTA-CHLOR (UG/L) (39410)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL PCB (UG/L) (39516)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)
OCT.												
09...	.00	0	.00	.00	.0	.00	.00	.00	467	445	551	.64
21...	--	--	--	--	--	--	--	--	467	458	542	.64
NOV.												
03...	--	--	--	--	--	--	--	--	509	508	687	.69
23...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
02...	--	--	--	--	--	--	--	--	498	487	445	.68
JAN.												
07...	--	--	--	--	--	--	--	--	559	542	--	.76
FEB.												
24...	--	--	--	--	--	--	--	--	517	518	367	.70
MAR.												
30...	--	--	--	--	--	--	--	--	653	635	751	.89
30...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
22...	--	--	--	--	--	--	--	--	581	560	784	.79
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
14...	--	--	--	--	--	--	--	--	282	262	--	.38
JULY												
22...	--	--	--	--	--	--	--	--	--	--	--	--

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306700 - WHITE R BLW ASPHALT WASH NR WATSON UT

PROCESS DATE 08/25/76
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS- SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS- SOLVED NITRATE (NO3) (MG/L) (71851)	DIS- SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS- SOLVED MERCURY (HG) (UG/L) (71890)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
OCT.							
09...	.00	.00	.00	.1	.0	5.3	25
21...	.01	.22	.00	.0	--	--	--
NOV.							
03...	.04	.09	.03	.1	.0	<5.6	2.3
28...	--	--	--	--	--	--	--
DEC.							
02...	.05	.62	.03	.1	.0	11	3.3
JAN.							
07...	.06	1.2	.00	.1	.1	--	--
FEB.							
24...	--	1.7	.03	.1	--	--	--
MAR.							
30...	.03	.31	.03	.2	.0	--	--
30...	--	--	--	--	--	11	<1.9
APR.							
22...	.04	.44	.03	.1	.0	--	--
22...	--	--	--	--	--	--	--
MAY							
14...	.01	1.3	.00	--	--	--	--
JULY							
22...	--	--	--	--	--	<5.7	6.7

C. Ground Water

Water Pump II

Q8248

DA	MO	YR	0600	1200	1800	2400	MAX	MIN	DAY
19	7	76	0.00	0.00	280.00	279.99	280.03	279.99	280.00
20	7	76	280.03	280.13	280.05	280.01	280.14	280.01	280.06
21	7	76	280.01	280.03	280.00	279.98	280.03	279.97	280.00
22	7	76	280.03	280.19	280.06	280.02	280.13	280.00	280.05
23	7	76	280.08	280.20	280.16	280.11	280.22	280.03	280.14
24	7	76	280.17	280.21	280.11	280.02	280.21	280.01	280.12
25	7	76	280.03	280.14	280.16	280.17	280.20	280.03	280.13
26	7	76	280.20	280.12	280.16	280.03	280.23	280.02	280.15
27	7	76	280.04	280.11	280.12	280.03	280.15	280.03	280.08
28	7	76	280.14	280.16	280.14	280.04	280.17	280.02	280.12
29	7	76	280.11	280.13	280.12	280.04	280.15	280.02	280.10
30	7	76	280.13	280.19	280.18	280.18	280.21	280.04	280.17
31	7	76	280.28	280.29	280.23	280.25	280.31	280.18	280.26
1	8	76	280.33	280.36	280.34	280.34	280.34	280.31	280.34
2	8	76	280.36	280.38	280.34	280.34	280.39	280.33	280.34
3	8	76	280.36	280.42	280.34	280.31	280.43	280.33	280.36
4	8	76	280.35	280.37	280.35	0.00	280.38	280.34	280.36

DA	MO	YR	0600	1200	1800	2400	MAX	MIN	DAY
7	7	76	0.00	0.00	156.97	156.96	156.99	156.92	156.96
8	7	76	156.93	156.86	156.93	156.97	156.99	156.84	156.92
[illegible]	7	76	156.94	156.85	156.88	156.90	157.01	156.79	156.91
[illegible]	7	76	156.92	156.82	156.86	156.92	156.95	156.73	156.88
11	7	76	156.80	156.87	157.00	157.04	157.06	156.81	156.95
12	7	76	156.99	157.00	157.01	157.04	157.09	156.97	157.01
13	7	76	156.95	156.92	156.97	156.92	157.00	156.90	156.96
14	7	76	156.91	156.89	156.92	156.98	156.96	156.87	156.92
15	7	76	156.83	156.77	156.79	156.84	156.87	156.76	156.81
16	7	76	156.77	156.72	156.79	156.86	156.88	156.72	156.79
17	7	76	156.80	156.78	156.87	156.84	156.90	156.76	156.82
18	7	76	156.79	156.78	156.82	156.88	156.84	156.77	156.80
19	7	76	156.84	156.77	156.83	156.81	156.89	156.76	156.81
20	7	76	156.75	156.68	156.75	156.80	156.88	156.64	156.74
21	7	76	156.79	156.75	156.81	156.85	156.87	156.73	156.80
22	7	76	156.80	156.69	156.73	156.79	156.86	156.62	156.75
23	7	76	156.74	156.62	156.69	156.77	156.79	156.55	156.70
24	7	76	156.71	156.64	156.69	156.83	156.85	156.59	156.72
25	7	76	156.74	156.72	156.73	156.73	156.80	156.67	156.74
26	7	76	156.72	156.69	156.76	156.86	156.89	156.66	156.76
27	7	76	156.82	156.79	156.81	156.87	156.89	156.72	156.82
28	7	76	156.80	156.78	156.82	156.90	156.92	156.77	156.83
29	7	76	156.84	156.94	156.87	156.93	156.93	156.83	156.87
30	7	76	156.80	156.82	156.84	156.89	156.90	156.68	156.85
31	7	76	156.70	156.75	156.83	156.82	156.89	156.73	156.79
1	8	76	156.72	156.70	156.74	156.75	156.77	156.70	156.73
2	8	76	156.71	156.69	156.75	156.78	156.81	156.68	156.73
3	8	76	156.79	156.64	156.73	0.00	156.78	156.63	156.73

DA	MO	YR	0600	1200	1800	2400	MAX	MIN	DAY
7	7	76	0.00	0.00	100.13	100.15	100.16	100.10	100.13
8	7	76	100.10	100.04	100.10	100.19	100.21	100.02	100.11
9	7	76	100.14	100.02	100.12	100.21	100.24	100.04	100.14
[illegible]	7	76	100.14	100.10	100.10	100.17	100.19	100.04	100.13
[illegible]	7	76	100.13	100.14	100.16	100.27	100.28	100.11	100.18
12	7	76	100.23	100.23	100.19	100.27	100.29	100.17	100.23
13	7	76	100.20	100.19	100.16	100.25	100.27	100.15	100.20
14	7	76	100.17	100.15	100.13	100.16	100.22	100.12	100.15
15	7	76	100.11	100.06	100.06	100.12	100.16	100.06	100.09
16	7	76	100.07	100.03	100.07	100.14	100.14	100.03	100.08
17	7	76	100.09	100.05	100.14	100.12	100.16	100.05	100.10
18	7	76	100.09	100.07	100.11	100.12	100.14	100.06	100.10
19	7	76	100.12	100.06	100.12	100.19	100.14	100.05	100.10
20	7	76	100.07	100.01	100.09	100.13	100.13	100.00	100.07
21	7	76	100.12	100.06	100.14	100.19	100.20	100.04	100.13
22	7	76	100.13	100.04	100.10	100.15	100.17	100.03	100.10
23	7	76	100.09	100.06	100.05	100.13	100.15	99.97	100.07
24	7	76	100.06	100.03	100.09	100.14	100.21	100.01	100.09
25	7	76	100.13	100.03	100.05	100.10	100.14	100.02	100.09
26	7	76	100.03	100.06	100.07	100.20	100.23	100.01	100.10
27	7	76	100.15	100.14	100.11	100.19	100.23	100.03	100.15
28	7	76	100.13	100.14	100.13	100.23	100.24	100.12	100.16
29	7	76	100.17	100.15	100.10	100.25	100.26	100.10	100.19
30	7	76	100.17	100.15	100.17	100.22	100.21	100.15	100.18
31	7	76	100.13	100.11	100.16	100.16	100.20	100.10	100.14
1	8	76	100.11	100.10	100.10	100.10	100.14	100.10	100.10
2	8	76	100.10	100.10	100.12	100.14	100.15	100.10	100.11
3	8	76	100.11	100.02	100.07	0.00	100.12	100.01	100.07

DA	MO	YR	0600	1200	1800	2400	MAX	MIN	DAY
29	6	76	0.00	0.00	449.17	449.14	449.19	449.09	449.15
30	6	76	449.04	448.92	449.08	448.76	449.09	448.05	449.08
1	7	76	448.80	448.91	448.82	448.76	448.92	448.74	448.84
2	7	76	448.86	448.83	448.79	449.00	449.03	448.76	448.87
3	7	76	448.91	448.95	449.08	449.04	449.10	448.87	448.99
4	7	76	449.06	449.09	449.11	449.15	449.17	449.05	449.09
5	7	76	449.18	449.06	449.04	449.17	449.21	449.02	449.11
6	7	76	449.14	449.21	449.39	449.28	449.16	449.09	449.29
7	7	76	449.26	449.31	449.34	449.28	449.38	449.17	449.28
8	7	76	449.27	449.36	449.31	449.45	449.63	449.17	449.35
9	7	76	449.63	449.52	449.46	449.45	449.65	449.44	449.51
10	7	76	449.46	449.61	449.78	449.70	449.82	449.45	449.64
11	7	76	449.71	449.78	449.72	449.77	449.89	449.67	449.75
12	7	76	449.91	449.98	449.94	450.03	450.04	449.86	449.94
13	7	76	449.90	449.86	449.96	449.72	450.04	449.69	449.86
14	7	76	449.82	449.84	449.74	449.74	450.06	449.69	449.78
15	7	76	449.73	449.75	449.90	449.94	449.97	449.73	449.82
16	7	76	449.80	449.94	450.02	449.90	450.06	449.75	449.91
17	7	76	449.93	0.00	0.00	0.00	449.93	449.93	449.91

U.S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY
Water Resources Div.
WELL

Inspection of Digital Recorder
STATION P-1
STA. NO.

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	7	17	76
TO	8	4	76

TAPE NO. BEGIN 311
TAPE NO. END 295

INSTRUCTIONS
DATE

(STATION NUMBER)
(DAY) (TIME)

STARTED BY DWB
DATE 7-17-76

GH	Time
OG	WT 1430
IG	CT 30
Tape 80.00	
Dial 80.00	TT 1830
Meas'd? Yes X No	
Tape Indicator 280.00	
Max Min	

REMOVED BY DWB
DATE 8-4-76

GH	Time
OG	WT 1307
IG	CT 17
Tape 80.33	
Dial 80.33	TT 1300
Meas'd? Yes X No	
Tape Indicator 280.30	
Max Min	

DATE
BATTERY VOLTAGE
CYCLING TIME SEC
REMARKS
Cont. Remarks on Back

U.S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY
Water Resources Div.
WELL

Inspection of Digital Recorder
STATION P-2
STA. NO. UPPER

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	7	7	76
TO	8	3	76

TAPE NO. BEGIN 165
TAPE NO. END 183

INSTRUCTIONS
DATE

(STATION NUMBER)
(DAY) (TIME)

STARTED BY DWB
DATE 7-7-76

GH	Time
OG	WT 1510
IG	CT 10
Tape 10.10	
Dial 10.10	TT 1500
Meas'd? Yes X No	
Tape Indicator 100.10	
Max Min	

REMOVED BY DWB
DATE 8-3-76

GH	Time
OG	WT 1435
IG	CT 44
Tape 10.11	
Dial 10.11	TT 1430
Meas'd? Yes No	
Tape Indicator 100.11	
Max Min	

DATE
BATTERY VOLTAGE
CYCLING TIME SEC
REMARKS ADDED 10' TO DIAL = 110.10 MEAS = 100.10
Cont. Remarks on Back

GEOLOGICAL SURVEY
Water Resources Div.
WELL

Inspection of Digital Recorder
STATION P2 upper
STA. NO.

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	7	7	76
TO	8	3	76

TAPE NO. BEGIN 256
TAPE NO. END 281

N INSTRUCTIONS
DATE

(STATION NUMBER)
(MO) (DAY) (TIME)

STARTED BY D Bowman
DATE 7-7-76

GH	Time
OG	WT 1527
IG	CT 27
Tape 56.94	
Dial 56.94	TT 1515
Meas'd? Yes X No	
Tape Indicator 156.94	
Max Min	

REMOVED BY DWB
DATE 8-3-76

GH	Time
OG	WT 1446
IG	CT 57
Tape 56.78	
Dial 56.78	TT 1445
Meas'd? Yes X No	
Tape Indicator 157.00	
Max Min	

DATE
BATTERY VOLTAGE
CYCLING TIME SEC
REMARKS
Cont. Remarks on Back

U.S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY
Water Resources Div.
WELL

Inspection of Digital Recorder
STATION P-3
STA. NO.

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	6	29	76
TO	8	4	76

TAPE NO. BEGIN 392
TAPE NO. END 433

INSTRUCTIONS
DATE

(STATION NUMBER)
(MO) (DAY) (TIME)

STARTED BY D Bowman
DATE 6-29-76

GH	Time
OG	WT 1430
IG	CT 30
Tape	
Dial	TT 1430
Meas'd? Yes X No	
Tape Indicator 491.80	
Max Min	

REMOVED BY DWB
DATE 8-4-76

GH	Time
OG	WT 1133
IG	CT 37
Tape 49.93	
Dial 49.93	TT 0045
Meas'd? Yes X No	
Tape Indicator 49	
Max Min	

DATE
BATTERY VOLTAGE
CYCLING TIME SEC
REMARKS
Cont. Remarks on Back

INSP'D BY								
Date								
GH		Time	GH		Time	GH		Time
OG		WT	OG		WT	OG		WT
IG		CT	IG		CT	IG		CT
Tape			Tape			Tape		
Dial		TT	Dial		TT	Dial		TT
Meas'd?	Yes ___	No ___	Meas'd?	Yes ___	No ___	Meas'd?	Yes ___	No ___
Tape Indicator			Tape Indicator			Tape Indicator		
Max ___	Min ___		Max ___	Min ___		Max ___	Min ___	

REMARKS (cont'd from Front):

P-1

GPO 1974 678-548

INSP'D BY								
Date								
GH		Time	GH		Time	GH		Time
OG		WT	OG		WT	OG		WT
IG		CT	IG		CT	IG		CT
Tape			Tape			Tape		
Dial		TT	Dial		TT	Dial		TT
Meas'd?	Yes ___	No ___	Meas'd?	Yes ___	No ___	Meas'd?	Yes ___	No ___
Tape Indicator			Tape Indicator			Tape Indicator		
Max ___	Min ___		Max ___	Min ___		Max ___	Min ___	

REMARKS (cont'd from Front):

P-2 UPPER

GPO : 1973 O - 506-165

INSP'D BY								
Date								
GH		Time	GH		Time	GH		Time
OG		WT	OG		WT	OG		WT
IG		CT	IG		CT	IG		CT
Tape			Tape			Tape		
Dial		TT	Dial		TT	Dial		TT
Meas'd?	Yes ___	No ___	Meas'd?	Yes ___	No ___	Meas'd?	Yes ___	No ___
Tape Indicator			Tape Indicator			Tape Indicator		
Max ___	Min ___		Max ___	Min ___		Max ___	Min ___	

REMARKS (cont'd from Front):

P-2 LOWER

GPO : 1973 O - 506-165

INSP'D BY								
Date								
GH		Time	GH		Time	GH		Time
OG		WT	OG		WT	OG		WT
IG		CT	IG		CT	IG		CT
Tape			Tape			Tape		
Dial		TT	Dial		TT	Dial		TT
Meas'd?	Yes ___	No X	Meas'd?	Yes ___	No ___	Meas'd?	Yes ___	No ___
Tape Indicator			Tape Indicator			Tape Indicator		
Max ___	Min ___		Max ___	Min ___		Max ___	Min ___	

REMARKS (cont'd from Front): 7-12-76 [illegible] Reset To Read Properly, [illegible]

8/4 RECORDER WAS SET WRONG 491.8 = 91.80

P-2

WELL

DA	MO	YR	0600	1200	1800	2400	MAX	MIN	DAY
3	6	76	0.00	0.00	279.86	279.88	279.89	279.85	279.87
4	6	76	279.86	279.78	279.79	279.79	279.87	279.77	279.80
5	6	76	279.76	279.68	279.73	279.77	279.78	279.63	279.74
6	6	76	279.71	279.68	279.78	279.82	279.84	279.71	279.77
7	6	76	279.77	279.75	279.81	279.83	279.83	279.74	279.80
8	6	76	279.82	279.77	279.82	279.88	279.87	279.76	279.81
9	6	76	279.80	279.75	279.80	279.85	279.86	279.73	279.80
10	6	76	279.85	279.84	279.95	280.03	280.05	279.83	279.92
11	6	76	279.99	279.91	279.87	279.88	280.00	279.78	279.90
12	6	76	279.77	279.71	279.72	279.78	279.79	279.65	279.74
13	6	76	279.78	279.81	279.86	279.76	279.83	279.66	279.80
14	6	76	279.64	279.61	279.56	279.56	279.65	279.54	279.59
15	6	76	279.50	279.47	279.56	279.68	279.70	279.47	279.55
16	6	76	279.75	279.93	279.86	279.84	279.87	279.70	279.82
17	6	76	279.80	279.76	279.76	279.78	279.81	279.65	279.76
18	6	76	279.64	279.61	279.62	279.69	279.66	279.61	279.63
19	6	76	279.57	279.52	279.57	279.57	279.68	279.50	279.58
20	6	76	279.69	279.69	279.78	279.79	279.79	279.67	279.74
21	6	76	279.79	279.73	279.79	279.84	279.85	279.72	279.79
22	6	76	279.83	279.75	279.78	279.73	279.83	279.68	279.77
23	6	76	279.67	279.54	279.66	279.64	279.69	279.55	279.65
24	6	76	279.54	279.40	279.06	280.00	280.83	279.46	279.72
25	6	76	279.93	279.90	279.81	279.78	279.97	279.77	279.86
26	6	76	279.79	279.81	279.95	279.98	279.98	279.78	279.90
27	6	76	280.01	280.07	280.04	279.99	280.09	279.97	280.03
28	6	76	280.05	280.09	280.05	279.95	280.10	279.94	280.04
29	6	76	279.96	279.97	279.98	279.87	279.97	279.86	279.93
30	6	76	279.91	279.94	279.91	279.88	279.94	279.87	279.91
1	7	76	279.90	279.92	279.88	279.81	279.92	279.83	279.88
2	7	76	279.83	279.89	279.88	279.88	279.94	279.82	279.87
3	7	76	279.94	280.09	280.08	280.05	280.11	279.94	280.06
4	7	76	280.08	280.15	280.09	280.05	280.15	280.04	280.09
5	7	76	280.08	280.14	280.09	280.04	280.15	280.04	280.09
6	7	76	280.05	280.12	280.08	280.02	280.13	280.01	280.06
7	7	76	280.04	280.09	280.04	280.02	280.10	279.99	280.05
8	7	76	280.04	280.18	280.05	280.01	280.11	280.00	280.05
9	7	76	280.04	280.16	280.07	280.02	280.12	280.00	280.06
10	7	76	280.07	280.13	280.12	280.10	280.16	280.07	280.11
11	7	76	280.13	280.14	280.07	280.01	280.15	280.00	280.09
12	7	76	280.05	280.06	280.07	280.05	280.09	280.02	280.06
13	7	76	280.12	280.16	280.15	280.11	280.16	280.10	280.14
14	7	76	280.17	280.21	280.21	280.20	280.22	280.14	280.20
15	7	76	280.20	280.22	280.22	280.19	280.23	280.22	280.20
16	7	76	280.21	280.27	280.23	280.19	280.29	280.20	280.22
17	7	76	280.30	280.32	280.29	280.29	280.34	280.27	280.30
18	7	76	280.31	280.30	280.30	280.30	280.34	280.26	280.31
19	7	76	280.30	280.15	280.04	0.00	280.16	279.10	280.31

DA	MO	YR	0600	1200	1800	2400	MAX	MIN	DAY
2	6	76	0.00	0.00	156.79	156.85	156.94	156.74	156.82
3	6	76	156.82	156.81	156.84	156.88	156.89	156.79	156.83
4	6	76	156.82	156.75	156.78	156.78	156.96	156.74	156.79
5	6	76	156.72	156.66	156.72	156.75	156.77	156.64	156.71
6	6	76	156.75	156.67	156.76	156.78	156.81	156.65	156.73
7	6	76	156.74	156.69	156.79	156.82	156.85	156.67	156.76
8	6	76	156.77	156.72	156.80	156.82	156.87	156.70	156.78
9	6	76	156.75	156.69	156.78	156.82	156.85	156.67	156.76
10	6	76	156.83	156.91	156.94	157.01	157.06	156.79	156.89
11	6	76	156.93	156.86	156.90	156.92	156.94	156.76	156.87
12	6	76	156.75	156.69	156.73	156.80	156.82	156.67	156.74
13	6	76	156.80	156.83	156.87	156.74	156.90	156.63	156.81
14	6	76	156.52	156.57	156.55	156.55	156.61	156.50	156.56
15	6	76	156.47	156.47	156.56	156.71	156.72	156.40	156.55
16	6	76	156.75	156.84	156.86	156.84	156.89	156.72	156.82
17	6	76	156.76	156.72	156.70	156.66	156.88	156.62	156.72
18	6	76	156.64	156.56	156.58	156.58	156.67	156.35	156.58
19	6	76	156.53	156.48	156.56	156.67	156.67	156.47	156.56
20	6	76	156.67	156.66	156.75	156.84	156.85	156.62	156.74
21	6	76	156.70	156.72	156.88	156.87	156.89	156.70	156.80
22	6	76	156.80	156.77	156.86	156.77	156.89	156.72	156.81
23	6	76	156.72	156.65	156.72	156.67	156.76	156.59	156.69
24	6	76	156.58	156.53	156.62	156.68	156.72	156.51	156.60
25	6	76	156.66	156.67	156.80	156.94	156.52	156.64	156.76
26	6	76	156.42	156.65	156.60	156.57	156.46	156.39	156.69
27	6	76	156.58	156.51	156.55	156.52	156.60	156.40	156.56
28	6	76	156.54	156.48	156.53	156.64	156.66	156.46	156.55
29	6	76	156.61	156.68	156.66	156.75	156.77	156.59	156.65
30	6	76	156.67	156.66	156.68	156.75	156.75	156.65	156.69
1	7	76	156.70	156.70	156.75	156.74	156.83	156.69	156.75
2	7	76	156.73	156.75	156.78	156.74	156.82	156.73	156.78
3	7	76	156.66	156.57	156.60	156.60	156.77	156.56	156.62
4	7	76	156.59	156.52	156.60	156.65	156.66	156.51	156.59
5	7	76	156.59	156.52	156.61	156.66	156.67	156.58	156.60
6	7	76	156.63	156.56	156.65	156.64	156.71	156.54	156.63
7	7	76	156.67	156.68	156.66	0.00	156.70	156.59	156.63

QUELL

DA	MO	YR	0600	1200	1800	2400	MAX	MIN	DAY
2	6	76	0.00	0.00	100.09	100.15	100.15	100.07	100.12
3	6	76	100.14	100.13	100.14	100.16	100.16	100.13	100.14
4	6	76	100.15	100.09	100.10	100.15	100.16	100.08	100.11
5	6	76	100.08	100.01	100.07	100.10	100.10	100.03	100.06
6	6	76	100.08	100.01	100.09	100.11	100.13	100.00	100.07
7	6	76	100.10	100.02	100.12	100.14	100.15	100.05	100.09
8	6	76	100.12	100.06	100.11	100.16	100.18	100.04	100.11
9	6	76	100.11	100.04	100.09	100.17	100.18	100.01	100.10
10	6	76	100.15	100.13	100.21	100.32	100.36	100.16	100.20
11	6	76	100.24	100.18	100.13	100.16	100.25	100.11	100.18
12	6	76	100.11	100.06	100.03	100.14	100.14	100.03	100.08
13	6	76	100.13	100.15	100.14	100.08	100.16	100.01	100.13
14	6	76	99.95	99.94	99.90	99.92	100.02	99.84	99.93
15	6	76	99.97	99.86	99.91	100.04	100.06	99.84	99.92
16	6	76	100.05	100.14	100.15	100.14	100.16	100.04	100.13
17	6	76	100.11	100.07	100.05	100.00	100.11	99.94	100.06
18	6	76	99.90	99.91	99.92	99.92	99.95	99.91	99.93
19	6	76	99.90	99.84	99.92	99.98	99.99	99.83	99.91
20	6	76	99.99	99.97	100.03	100.12	100.12	99.96	100.04
21	6	76	100.10	100.02	100.10	100.16	100.16	100.01	100.10
22	6	76	100.14	100.06	100.13	100.11	100.16	100.04	100.12
23	6	76	100.07	100.00	100.05	100.03	100.11	99.99	100.04
24	6	76	99.94	99.89	99.97	100.05	100.06	99.87	99.96
25	6	76	100.02	100.03	100.11	100.23	100.23	100.01	100.10
26	6	76	100.10	100.09	106.46	111.18	111.43	97.10	104.45
27	6	76	111.72	111.97	112.10	112.41	112.42	111.51	112.07
28	6	76	112.42	112.45	112.54	112.74	112.75	112.47	112.54
29	6	76	112.70	112.79	112.84	112.90	112.99	112.76	112.84
30	6	76	112.96	112.97	113.00	113.07	113.09	112.95	113.00
1	7	76	113.00	113.05	113.13	113.24	113.26	113.07	113.13
2	7	76	113.22	113.22	113.23	113.22	113.25	113.19	113.23
3	7	76	113.18	113.18	113.15	113.19	113.26	113.04	113.15
4	7	76	113.16	113.10	113.20	113.22	113.23	113.07	113.17
5	7	76	113.21	113.11	113.24	113.26	113.28	113.10	113.21
6	7	76	113.20	113.17	113.29	113.32	113.35	113.16	113.26
7	7	76	113.31	113.24	113.31	0.00	113.36	113.22	113.28

WELL

DA	MO	YR	0600	1200	1800	2400	MAX	MIN	DAY
3	5	76	0.00	0.00	494.51	494.51	494.51	494.48	494.51
4	5	76	494.48	494.45	494.58	467.78	494.69	467.78	492.86
5	5	76	467.78	467.78	467.78	467.78	467.78	467.78	467.78
6	5	76	467.78	467.78	467.78	467.78	467.78	467.78	467.78
7	5	76	467.78	467.78	467.78	467.78	467.78	467.78	467.78
8	5	76	467.78	467.78	467.78	467.78	467.78	467.78	467.78
9	5	76	467.78	467.78	467.78	467.78	467.78	467.78	467.78
10	5	76	467.78	467.78	467.78	467.78	467.78	467.78	467.78
11	5	76	467.78	467.78	467.78	467.78	467.78	467.78	467.78
12	5	76	467.76	467.76	467.76	467.76	467.76	467.76	467.77
13	5	76	467.76	467.76	0.00	0.00	467.76	467.76	467.76

U.S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY
Water Resources Div.
WELL
Inspection of Digital Recorder
STATION D-1
NO.

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	6	3	76
TO	7	17	76

TAPE NO. BEGIN 3600
TAPE NO. END 314

DATE
BATTERY VOLTAGE
CYCLING TIME SEC
REMARKS
Cont. Remarks on Back

STARTED BY [illegible]
DATE 6-3-76

REMOVED BY D Bowman
DATE 7-19-76

GH		Time	
OG		WT	1307
IG		CT	07
Tape	77.85		
Dial	77.85	TT	1300

Meas'd? Yes ___ No ___
Tape Indicator MEAS = 279.85
Max ___ Min ___

GH		Time	
OG		WT	1307
IG		CT	16
Tape	80.34		
Dial	80.34	TT	1315

Meas'd? Yes X No ___
Tape Indicator MEAS = 280.00
Max ___ Min ___

(STATION NUMBER)
(MO) (DAY) (TIME)

U.S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY
Water Resources Div.
WELL
Inspection of Digital Recorder
STATION DQ LOWER
STA. NO.

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	6	2	76
TO	7	7	76

TAPE NO. BEGIN 244
TAPE NO. END 259

DATE
BATTERY VOLTAGE
CYCLING TIME SEC
REMARKS
Cont. Remarks on Back

STARTED BY D Bowman
DATE 6-2-76

REMOVED BY DWB
DATE 7-7-76

GH		Time	
OG		WT	1323
IG		CT	21
Tape	56.73		
Dial	56.73	TT	1315

Meas'd? Yes X No ___
Tape Indicator 56.73
Max ___ Min ___
CORE = 156.77

GH		Time	
OG		WT	1516
IG		CT	32
Tape	56.70		
Dial	56.70	TT	1530

Meas'd? Yes X No ___
Tape Indicator
Max ___ Min ___
TAPE # 259

(STATION NUMBER)
(DAY) (TIME)

U.S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY
Water Resources Div.
WELL
Inspection of Digital Recorder
STATION DQ UPPER
STA. NO.

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	6	2	76
TO	7	7	76

TAPE NO. BEGIN 260
TAPE NO. END 158

DATE
BATTERY VOLTAGE
CYCLING TIME SEC
REMARKS 6/2 RF
7/7 BEAD OUT OF HOLE DIAL = 2331
MOVED TO HOLE DIAL = 2335
Cont. Remarks on Back

STARTED BY D Bowman
DATE 6-2-76

REMOVED BY D Bowman
DATE 7-7-76

GH		Time	
OG		WT	1342
IG		CT	42
Tape	10.07		
Dial	10.07	TT	1330

Meas'd? Yes ___ No ___
Tape Indicator MEAS = 100.07
Max ___ Min ___
CORE 98.55

GH		Time	
OG		WT	1505
IG		CT	23
Tape	2.331		
Dial	2.331	TT	1500

Meas'd? Yes ___ No ___
Tape Indicator 100.10
Max ___ Min ___

(STATION NUMBER)
(DAY) (TIME)

U.S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY
Water Resources Div.
WELL
Inspection of Digital Recorder
STATION P3
STA. NO. P-3

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	5	3	76
TO	5	13	76

TAPE NO. BEGIN 405
TAPE NO. END 395

DATE
BATTERY VOLTAGE
CYCLING TIME SEC
REMARKS
Cont. Remarks on Back

STARTED BY JSL
DATE 5-3-76

REMOVED BY ✓
DATE 5-13-76

GH		Time	
OG		WT	1805
IG		CT	05
Tape	94.51		
Dial	94.51	TT	1800

Meas'd? Yes ___ No ___
Tape Indicator 494.47
Max ___ Min ___

GH		Time	
OG		WT	1745
IG		CT	
Tape	467.76		
Dial		TT	

Meas'd? Yes ___ No ___
Tape Indicator
Max ___ Min ___

(STATION NUMBER)
(DAY) (TIME)

INSP'D BY JSL CL	INSP'D BY DWB BM	INSP'D BY WBM
Date 6-10-76	Date 6-24-76	Date 6/24/76
GH: OG 4353; IG; Tape 77.87; Dial 74.87	GH: OG; IG; Tape 79.47; Dial 79.47	GH: OG; IG; Tape; Dial
Time: WT 1011; CT -10; TT 1000	Time: WT 1240; CT 41; TT 1230	Time: WT 1506; CT 08; TT 1500
Meas'd? Yes ___ No ___	Meas'd? Yes ✓ No ___	Meas'd? Yes ✓ No ___
Tape Indicator Max ___ Min ___ Core - 276.28	Tape Indicator Max ___ Min ___ CORE 280.34	Tape Indicator Max ___ Min ___ CORE 280.90

REMARKS (cont'd from Front): 6/24 REMOVED RECORDER HOUSE TO PUMP [illegible]

P-1

GPO : 1973 O - 506-165

INSP'D BY JSL CL	INSP'D BY WBM	INSP'D BY WBM
Date 06-10-76	Date 6/26/76	Date 6/26/76
GH: OG; IG; Tape 56.80; Dial 56.80	GH: OG; IG; Tape 56.59; Dial 56.58	GH: OG; IG; Tape 56.59; Dial 56.60
Time: WT 1051; CT -56; TT 1045	Time: WT 1149; CT 1202; TT 1200	Time: WT 1415; CT 28; TT 1415
Meas'd? Yes ___ No ___	Meas'd? Yes ✓ No ___	Meas'd? Yes ___ No ___
Tape Indicator Core = 156.85 Max ___ Min ___ Tape # 3B 2A6	Tape Indicator MEAS. 156.93' Max ___ Min ___	Tape Indicator 156.92' Max ___ Min ___

REMARKS (cont'd from Front): 6/26 PUMP SAMPLE TAKEN

P-2 LOWER

GPO : 1973 O - 506-165

INSP'D BY JSL CL	INSP'D BY WBM	INSP'D BY WBM
Date 06-10-76	Date 6-26-76	Date 6/26/76
GH: OG; IG; Tape 10.11; Dial 10.10	GH: OG; IG; Tape 09.94; Dial 09.14	GH: OG; IG; Tape 07.20; Dial 07.15
Time: WT 1051; CT -56; TT 1030	Time: WT 1102; CT 1115; TT 1100	Time: WT 1345; CT 1357; TT 1330
Meas'd? Yes ___ No ___	Meas'd? Yes ___ No ___	Meas'd? Yes ___ No ___
Tape Indicator Core = 100.62 Max ___ Min ___ Tape # 195	Tape Indicator MEAS. 100.23' Max ___ Min ___	Tape Indicator 107.15' Max ___ Min ___

REMARKS (cont'd from Front): 6/26 PUMP SAMPLE TAKEN, PUMPED 30 MIN, RESET JUST BEFORE 1345 TT PUNCHED. REALIZED AFTERWORD THAT DIAL SHOULD HAVE BEEN ADVANCED 10'. MADE CORRECTION TO 17.10 BEFORE 1400 TT PUNCHED.

P-2 UPPER

GPO : 1973 O - 506-165

INSP'D BY JSL	INSP'D BY	INSP'D BY
Date 5-11	Date	Date
GH: OG; IG; Tape; Dial	GH: OG; IG; Tape; Dial	GH: OG; IG; Tape; Dial
Time: WT 1300; CT -65; TT 1300	Time: WT; CT; TT	Time: WT; CT; TT
Meas'd? Yes ___ No ___	Meas'd? Yes ___ No ___	Meas'd? Yes ___ No ___
Tape Indicator Max ___ Min ___	Tape Indicator Max ___ Min ___	Tape Indicator Max ___ Min ___

REMARKS (cont'd from Front): 5-11-76 Found float + weight gone - about 200' of cable left. Measured 494.37 Recorder not hooked up to anything now. Couldnot fish other cable etc up.
6-6-76 FLOAT & CABLE RE-INSTALLED, BUT RECORDER HAS BROKEN PLASTIC TOOTH & SPRING ROW

QBZ #8

Hayden Phillips
Rec'd 6/28/76

GROUNDWATER--P 2 LOWER

DA	MO	YR	0800	1200	1500	LOW	MAX	MIN	DAY
									54.71 = 157.41
3	5	76	0.00	0.00	0.00	55.24	57.43	7.41	55.24 157.41
4	5	76	57.37	57.37	57.43	57.47	57.48	57.36	57.41
5	5	76	57.44	57.44	57.49	57.50	57.50	57.42	57.46
6	5	76	57.42	57.35	57.29	57.28	57.45	57.25	57.34
7	5	76	57.24	57.18	57.22	57.21	57.26	57.17	57.21
8	5	76	57.21	57.18	57.26	57.26	57.29	57.17	57.23
9	5	76	57.27	57.21	57.26	57.14	57.28	57.15	57.23
10	5	76	57.17	57.11	57.21	57.23	57.26	57.09	57.18
11	5	76	57.24	57.24	57.31	57.16	57.36	57.17	57.26
12	5	76	57.15	57.05	57.08	57.12	57.17	57.01 157.05	57.10
13	5	76	57.07	57.07	57.47	57.27	57.29	57.05	57.14
14	5	76	57.28	57.28	57.40	57.32	57.54	57.24	57.37
15	5	76	57.34	57.27	57.16	57.16	57.52	57.11	57.26
16	5	76	57.09	57.08	57.12	57.13	57.24	57.07	57.13
17	5	76	57.19	57.18	57.36	57.37	57.36	57.18	57.25
18	5	76	57.35	57.35	57.42	57.45	57.48	57.34	57.40
19	5	76	57.42	57.38	57.39	57.41	57.44	57.33	57.40
20	5	76	57.46	57.30 157.31	57.32	57.32	57.43	57.29	57.33
21	5	76	57.30	57.27	57.30	57.33	57.31	57.26	57.29
22	5	76	57.32	57.31	57.37	57.34	57.39	57.29	57.33
23	5	76	57.35	57.30	57.39	57.31	57.42	57.28	57.36
24	5	76	57.33	57.32	57.43	57.43	57.47	57.30	57.38
25	5	76	57.45	57.42	57.49	57.42	57.52	57.35 157.19	57.45
26	5	76	57.32	57.21	57.26	57.23	57.31	57.18	57.27
27	5	76	57.23	57.19	57.32	57.41	57.42	57.17	57.29
28	5	76	57.42	57.42	57.53	57.50	57.62	57.39	57.49
29	5	76	57.54	57.47	57.51	57.32	57.56	57.43	57.51
30	5	76	57.47	57.45	57.49	57.47	57.51	57.42	57.47
31	5	76	57.41	57.35	57.38	57.33	57.44	57.24	57.39
1	6	76	57.46	57.32	57.37	57.42	57.43	57.31	57.37

READS DIRECT

GROUNDWATER--P 2 UPPER

DA	MO	YR	0600	1200	1800	2400	MAX	MIN	DAY	
								104.08		
3	5	76	0.00	0.00	0.00	14.16	14.16	14.14	14.16	104.2
4	5	76	14.19	14.15	14.16	14.19	14.19	14.15	14.16	104.2
5	5	76	14.20	14.18	14.19	14.20	14.20	14.18	14.19	104.2
6	5	76	14.19	14.13	14.07	14.05	14.20	14.05	14.11	104.1
7	5	76	14.05	13.99	14.00	14.01	14.05	13.98	14.01	104.0
8	5	76	14.01	13.98	14.03	14.05	14.06	13.97	14.02	104.0
9	5	76	14.06	14.01	14.02	14.99	14.07	13.95	14.02	"
10	5	76	13.97	13.91	13.97	14.03	14.04	13.80	13.97	"
11	5	76	14.01	14.02	14.03	14.05	14.08	13.96	14.03	"
12	5	76	13.[illegible] 103.86	13.87	13.85	13.95	13.98	13.79	13.90	103.9
13	5	76	13.87	13.88	13.90	14.04	14.04	13.84	13.92	103.9
14	5	76	14.02	14.03	14.05	14.08	14.08	14.02	14.05	104.0
15	5	76	14.08	14.04	13.92	13.95	14.08	13.90	14.00	104.0
16	5	76	13.89	13.88	13.88	13.90	13.90	13.87	13.91	103.9
17	5	76	13.97	13.96	13.98	14.06	14.08	13.96	13.99	104.0
18	5	76	14.06	14.07	14.09	14.08	14.08	14.07	14.08	104.1
19	5	76	14.08	14.08	14.08	14.08	14.08	14.07	14.08	104.1
20	5	76	14.08 103.94	14.04	14.05	14.05	14.06	14.04	14.06	104.1
21	5	76	14.05	14.01	14.01	14.02	14.05	14.00	14.02	104.0
22	5	76	14.03	14.02	14.04	14.06	14.09	14.02	14.03	104.0
23	5	76	14.04	14.01	14.03	14.05	14.05	14.00	14.03	104.0
24	5	76	14.04	14.03	14.07	14.11	14.11	14.02	14.06	104.1
25	5	76	14.11	14.11 103.90	14.11	14.10	14.11	14.05	14.11	104.1
26	5	76	14.04	13.93	13.98	14.00	14.05	13.80	13.98	104.0
27	5	76	13.95	13.92	13.97	14.05	14.05	13.90	13.97	104.0
28	5	76	14.05	14.06	14.08	14.08	14.09	14.05	14.07	104.1
29	5	76	14.08	14.08	14.09	14.08	14.09	14.08	14.08	104.1
30	5	76	14.08	14.03	14.08	14.08	14.09	14.08	14.08	104.1
31	5	76	14.08	14.06	14.04	14.00	14.02	14.04	14.06	104.1
1	6	76	14.06	14.04	14.03	14.07	14.08	14.03	14.05	104.1

6/2 1402 = 100.7

P 1 [redacted] -- P 1
Groundwater

DA	MO	YR	0600	1200	1800	2400	MAX	MIN	DAY	
								279.12		
3	5	76	0.00	0.00	79.13	79.14	79.14	79.13	79.14	279.1
4	5	76	79.12	79.12	79.13	79.14	79.14	79.12	79.13	
5	5	76	79.14	79.13	79.14	79.14	79.14	79.13	79.14	
6	5	76	79.12	79.03	78.95	78.92	79.13	78.90	79.00	
7	5	76	78.89	78.84	78.85	78.87	78.90	78.82	78.86	
8	5	76	78.87	78.86	78.91	78.93	78.94	78.85	78.89	
9	5	76	78.90	78.89	78.91	78.86	78.94	78.84	78.90	
10	5	76	78.85	78.80	78.87	78.91	78.92	78.79	78.86	
11	5	76	78.92	78.94	78.98	78.96	79.01	78.85	278.2 78.95	
12	5	76	78.86	78.78	78.80	78.84	78.88	78.76	78.82	
13	5	76	78.80	78.81	78.88	78.98	78.99	78.79	78.87	
14	5	76	78.99	79.01	79.10	79.19	79.19	78.98	79.07	
15	5	76	79.17	79.03	78.93	78.89	79.19	78.84	79.00	
16	5	76	78.82	78.91	78.84	78.93	78.94	78.80	78.85	
17	5	76	78.92	78.92	78.97	79.06	79.07	78.91	78.97	Read direct
18	5	76	79.08	79.07	79.13	79.16	79.17	79.06	79.11	
[illegible]	5	76	79.15	79.09	79.07	79.08	79.15	79.04	78.97 79.10	
20	5	76	79.04	78.98	78.98	78.98	79.06	78.97	79.00	
21	5	76	78.97	78.94	78.94	78.95	78.97	78.93	78.95	
22	5	76	78.97	78.98	79.01	79.00	79.03	78.95	78.99	
23	5	76	79.00	78.96	79.00	79.02	79.04	78.95	79.00	
24	5	76	78.99	78.97	79.05	79.06	79.09	78.96	79.02	
25	5	76	79.08	79.07	79.12	79.06	79.15	79.00	79.08	
26	5	76	78.96	78.85	78.85	78.89	78.99	78.82	78.89	
27	5	76	78.85	78.82	78.92	79.01	79.01	78.82	78.90	
28	5	76	79.03	79.05	79.12	79.18	79.18	79.01	79.10	
29	5	76	79.16	79.14	79.15	79.14	79.17	79.07	79.15	
30	5	76	79.07	79.06	79.06	79.04	79.08	79.01	79.06	
31	5	76	79.00	78.94	78.95	78.98	79.01	78.93	78.97	
1	6	76	78.95	78.91	78.92	78.97	78.98	78.90	78.94	
2	6	76	78.94	78.91	78.95	79.01	79.02	78.90	78.95	

OBZ#2

Hayden Phillips
Rec'd 6/28/76

GROUNDWATER--P 2 LOWER

DA	MO	YR	0600	1200	1800	LOW	MAX	MIN	DAY
3	5	76	0.00	0.00	0.00	55.24	57.43	7.41	55.24
4	5	76	57.37	57.37	57.43	57.47	57.48	57.36	57.41
5	5	76	57.44	57.44	57.49	57.48	57.50	57.44	57.46
6	5	76	57.42	57.35	57.33	57.28	57.45	57.26	57.34
7	5	76	57.24	57.18	57.22	57.21	57.26	57.17	57.21
8	5	76	57.21	57.18	57.26	57.26	57.29	57.17	57.23
9	5	76	57.27	57.21	57.26	57.19	57.28	57.15	57.23
10	5	76	57.17	57.11	57.21	57.23	57.26	57.09	57.18
11	5	76	57.24	57.24	57.31	57.26	57.36	57.17	57.26
12	5	76	57.15	57.05	57.08	57.12	57.17	57.01	57.10
13	5	76	57.07	57.07	57.17	57.27	57.29	57.05	57.14
14	5	76	57.25	57.28	57.40	57.52	57.54	57.24	57.37
15	5	76	57.14	57.27	57.18	57.16	57.52	57.11	57.26
16	5	76	57.09	57.08	57.12	57.23	57.24	57.07	57.13
17	5	76	57.13	57.18	57.26	57.27	57.36	57.18	57.25
18	5	76	57.35	57.35	57.42	57.45	57.48	57.34	57.40
19	5	76	57.42	57.38	57.39	57.41	57.44	57.35	57.40
20	5	76	57.36	57.30	57.32	57.32	57.40	57.29	57.33
21	5	76	57.30	57.27	57.30	57.33	57.31	57.26	57.29
22	5	76	57.32	57.31	57.37	57.34	57.39	57.29	57.33
23	5	76	57.35	57.30	57.39	57.39	57.42	57.28	57.36
24	5	76	57.30	57.32	57.43	57.43	57.47	57.30	57.38
25	5	76	57.45	57.42	57.49	57.42	57.52	57.35	57.45
26	5	76	57.32	57.21	57.26	57.23	57.35	57.18	57.27
27	5	76	57.23	57.19	57.32	57.41	57.42	57.17	57.29
28	5	76	57.42	57.42	57.53	57.50	57.62	57.39	57.49
29	5	76	57.54	57.47	57.51	57.32	57.56	57.43	57.51
30	5	76	57.47	57.45	57.49	57.47	57.51	57.42	57.47
31	5	76	57.41	57.35	57.38	57.38	57.44	57.34	57.39
1	6	76	57.46	57.32	57.37	57.42	57.46	57.31	57.37

GROUNDWATER--P 2 UPPER

DA	MO	YR	0600	1200	1800	2400	MAX	MIN	DAY
3	5	76	0.00	0.00	0.00	14.16	14.16	14.14	14.15
4	5	76	14.15	14.15	14.16	14.19	14.19	14.15	14.16
5	5	76	14.20	14.18	14.19	14.20	14.20	14.18	14.19
6	5	76	14.19	14.13	14.07	14.05	14.20	14.05	14.11
7	5	76	14.05	13.96	14.00	14.01	14.05	13.98	14.01
8	5	76	14.01	13.98	14.03	14.05	14.06	13.97	14.02
9	5	76	14.06	14.01	14.02	13.99	14.07	13.95	14.02
10	5	76	13.97	13.91	13.97	14.00	14.04	13.90	13.97
11	5	76	14.01	14.02	14.03	14.05	14.08	13.96	14.03
12	5	76	13.95	13.87	13.85	13.95	13.98	13.79	13.90
13	5	76	13.87	13.88	13.90	14.04	14.04	13.84	13.92
14	5	76	14.02	14.03	14.05	14.08	14.08	14.02	14.05
15	5	76	14.08	14.04	13.92	13.95	14.08	13.90	14.00
[illegible]	5	76	13.89	13.88	13.88	13.90	13.99	13.87	13.91
17	5	76	13.97	13.96	13.98	14.06	14.08	13.96	13.99
18	5	76	14.08	14.07	14.09	14.08	14.09	14.07	14.08
19	5	76	14.08	14.08	14.08	14.08	14.09	14.07	14.08
20	5	76	14.08	14.04	14.05	14.05	14.08	14.04	14.06
21	5	76	14.05	14.01	14.01	14.02	14.05	14.00	14.02
22	5	76	14.03	14.02	14.04	14.05	14.05	14.02	14.03
23	5	76	14.04	14.01	14.03	14.05	14.05	14.00	14.03
24	5	76	14.04	14.03	14.07	14.11	14.11	14.02	14.06
25	5	76	14.11	14.11	14.11	14.10	14.11	14.05	14.11
26	5	76	14.04	13.93	13.93	14.00	14.05	13.80	13.98
27	5	76	13.95	13.92	13.97	14.05	14.05	13.90	13.97
28	5	76	14.05	14.06	14.08	14.08	14.08	14.05	14.07
29	5	76	14.08	14.08	14.08	14.08	14.08	14.08	14.08
30	5	76	14.08	14.03	14.08	14.08	14.08	14.08	14.03
31	5	76	14.08	14.06	14.04	14.03	14.08	14.04	14.06
1	6	76	14.06	14.04	14.03	14.07	14.08	14.03	14.05

Groundwater

DA	MO	YR	0600	1200	1800	2400	MAX	MIN	DAY
3	5	76	0.00	0.00	79.13	79.14	79.14	79.13	79.14
4	5	76	79.12	79.12	79.13	79.14	79.14	79.12	79.13
5	5	76	79.14	79.13	79.14	79.14	79.14	79.12	79.14
6	5	76	79.12	79.09	78.95	78.92	79.13	78.90	79.00
7	5	76	78.89	78.84	78.85	78.87	78.90	78.82	78.86
8	5	76	78.87	78.86	78.91	78.93	78.94	78.85	78.89
9	5	76	78.90	78.89	78.91	78.88	78.94	78.84	78.90
10	5	76	78.85	78.88	78.87	78.91	78.92	78.79	78.86
11	5	76	78.92	78.94	78.98	78.95	78.61	78.88	78.95
12	5	76	78.86	78.78	78.80	78.84	78.86	78.76	78.82
13	5	76	78.88	78.81	78.88	78.98	78.99	78.79	78.87
14	5	76	78.99	79.01	79.10	79.19	79.19	78.98	79.07
15	5	76	79.17	79.03	78.90	78.89	79.19	78.84	79.00
16	5	76	78.82	78.91	78.84	78.93	78.94	78.80	78.85
17	5	76	78.92	78.92	78.97	79.06	79.07	78.91	78.97
[illegible]	5	76	79.08	79.07	79.13	79.16	79.17	79.06	79.11
[illegible]	5	76	79.15	79.09	79.07	79.08	79.15	79.04	79.10
20	5	76	79.04	78.98	78.98	78.98	79.06	78.97	79.00
21	5	76	78.97	78.94	78.94	78.95	78.97	78.93	78.95
22	5	76	78.97	78.98	79.01	79.00	79.03	78.95	78.99
23	5	76	79.00	78.96	79.00	79.02	79.04	78.95	79.00
24	5	76	78.99	78.97	79.05	79.06	79.09	78.96	79.02
25	5	76	79.08	79.07	79.12	79.06	79.15	79.00	79.08
26	5	76	78.96	78.85	78.85	78.89	78.99	78.82	78.89
27	5	76	78.85	78.82	78.92	79.01	79.01	78.82	78.90
28	5	76	79.03	79.05	79.13	79.18	79.18	79.01	79.10
29	5	76	79.16	79.14	79.15	79.14	79.17	79.07	79.15
30	5	76	79.07	79.06	79.06	79.04	79.08	79.01	79.06
31	5	76	79.00	78.94	78.95	78.90	79.01	78.93	78.97
1	6	76	78.95	78.91	78.92	78.97	78.96	78.90	78.94
2	6	76	78.94	78.91	78.95	79.01	79.03	78.90	78.95

WATER LEVEL TAPE LISTING FOR VTNWELL P-1

QBR #8

DA	MO	YR	0600	1200	1800	2400	MAX	MIN	DAY
1	4	75	0.00	7.39	7.34	7.27	7.39	7.21	7.31
2	4	75	7.15	7.02	6.95	7.02	7.20	6.93	7.04
3	4	75	7.06	7.10	7.22	7.40	7.44	7.03	7.19
4	4	75	7.45	7.44	7.46	7.51	7.52	7.39	7.47
5	4	75	7.48	7.37	7.39	7.44	7.51	7.32	7.42
6	4	75	7.49	7.50	7.60	7.70	7.71	7.47	7.57
7	4	75	7.72	7.78	7.78	7.72	7.79	7.68	7.75
8	4	75	7.67	7.57	7.53	7.48	7.68	7.41	7.56
9	4	75	7.39	7.30	7.31	7.35	7.41	7.25	7.34
10	4	75	7.33	7.30	7.33	7.37	7.38	7.27	7.33
11	4	75	7.35	7.33	7.39	7.45	7.46	7.30	7.38
12	4	75	7.45	7.48	7.52	7.61	7.62	7.43	7.51
13	4	75	7.58	7.53	7.54	7.62	7.65	7.49	7.57
14	4	75	7.59	7.56	7.57	7.64	7.65	7.51	7.59
15	4	75	7.61	7.59	7.58	7.66	7.69	7.55	7.61
16	4	75	7.70	7.71	7.79	7.81	7.83	7.69	7.75
17	4	75	7.82	7.76	5.10	7.92	8.09	0.01	7.15
18	4	75	7.89	7.78	7.66	7.60	7.91	7.56	7.74
19	4	75	7.55	7.45	7.47	7.54	7.56	7.41	7.50
20	4	75	7.55	7.51	7.50	7.55	7.57	7.45	7.53
21	4	75	7.54	7.54	7.64	7.79	7.81	7.51	7.62
22	4	75	7.86	7.83	7.86	7.92	7.94	7.78	7.87
23	4	75	7.88	7.84	7.87	7.86	7.93	7.79	7.86
24	4	75	7.79	7.72	7.77	7.96	7.98	7.67	7.81
25	4	75	8.05	8.11	8.20	8.23	8.33	7.98	8.14
26	4	75	8.05	8.03	8.00	8.00	8.09	7.97	8.02
27	4	75	7.97	7.99	7.95	7.96	8.00	7.91	7.97
28	4	75	7.89	7.84	7.87	7.90	7.91	7.81	7.88
29	4	75	7.91	7.90	7.89	7.92	7.93	7.86	7.90
30	4	75	7.90	7.86	7.87	7.94	7.95	7.83	7.89
1	5	75	7.94	7.88	7.90	7.95	7.96	7.85	7.92
2	5	75	7.95	7.87	7.87	7.94	7.95	7.83	7.91
3	5	75	7.95	7.93	8.02	8.16	8.20	7.91	8.01
4	5	75	8.27	8.32	8.41	8.44	8.48	8.21	8.36
5	5	75	8.36	8.33	8.34	8.29	8.37	8.27	8.33
6	5	75	8.27	8.20	8.18	0.00	8.27	8.17	8.33

WATER LEVEL TAPE LISTING FOR VTN WELL - P2 UPPER

DA	MO	YR	0600	1200	1800	2400	MAX	MIN	DAY
1	4	75	0.00	0.00	10.02	10.02	10.02	10.02	10.02
2	4	75	10.02	9.96	9.91	10.02	10.02	9.86	9.98
3	4	75	10.02	10.01	10.02	10.02	10.02	9.98	10.02
4	4	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
5	4	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
6	4	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
7	4	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
8	4	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
9	4	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
10	4	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
11	4	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
12	4	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
13	4	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
14	4	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
15	4	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
16	4	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
17	4	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
18	4	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
19	4	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
20	4	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
21	4	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
22	4	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
23	4	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
24	4	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
25	4	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
26	4	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
27	4	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
28	4	75	9.22	10.02	10.02	10.02	10.02	0.00	9.81
29	4	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
30	4	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
1	5	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
2	5	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
3	5	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
4	5	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
5	5	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
6	5	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
7	5	75	10.02	10.02	10.02	0.00	10.04	10.02	10.02

Unpublished Records
Subject to Revision

WATER LEVEL TAPE LISTING FOR VTN WELL - P-2 LOWER

DA	MO	YR	0600	1200	1800	2400	MAX	MIN	DAY
1	4	75	0.00	0.00	5.92	5.84	5.96	5.78	5.88
2	4	75	5.74	5.63	5.57	5.62	5.78	5.56	5.64
3	4	75	5.64	5.66	5.75	5.89	5.92	5.63	5.73
4	4	75	5.93	5.93	5.97	5.99	6.00	5.91	5.95
5	4	75	5.97	5.90	5.92	5.96	5.99	5.88	5.94
6	4	75	6.00	6.00	6.11	6.17	6.19	5.98	6.07
7	4	75	6.21	6.27	6.26	6.19	6.28	6.15	6.23
8	4	75	6.15	6.07	6.05	5.99	6.15	5.94	6.07
9	4	75	5.92	5.84	5.87	5.87	5.93	5.81	5.88
10	4	75	5.84	5.80	5.81	5.82	5.85	5.77	5.82
11	4	75	5.79	5.76	5.80	5.83	5.86	5.73	5.80
12	4	75	5.82	5.83	5.87	5.93	5.95	5.80	5.86
13	4	75	5.90	5.87	5.88	5.92	5.94	5.84	5.89
14	4	75	5.89	5.87	5.87	5.91	5.93	5.84	5.88
15	4	75	5.89	5.88	5.86	5.92	5.94	5.85	5.89
16	4	75	5.94	5.97	6.01	6.04	6.05	5.94	5.99
17	4	75	6.05	6.07	6.13	6.15	6.16	6.03	6.10
18	4	75	6.11	6.01	5.91	5.84	6.13	5.82	5.97
19	4	75	5.80	5.72	5.75	5.77	5.81	5.70	5.76
20	4	75	5.77	5.71	5.72	5.70	5.77	5.67	5.73
21	4	75	5.70	5.68	5.80	5.87	5.89	5.67	5.76
22	4	75	5.94	5.89	5.96	5.97	6.01	5.87	5.94
23	4	75	5.93	5.90	5.95	5.89	5.98	5.82	5.92
24	4	75	5.83	5.77	5.87	6.01	6.02	5.75	5.87
25	4	75	6.10	6.15	6.24	6.22	6.34	6.01	6.17
26	4	75	6.05	6.05	6.02	6.03	6.08	5.99	6.04
27	4	75	6.01	6.01	5.99	5.98	6.05	5.92	6.00
28	4	75	5.90	5.86	5.86	5.89	5.91	5.84	5.88
29	4	75	5.88	5.87	5.86	5.86	5.89	5.84	5.87
30	4	75	5.83	5.80	5.81	5.85	5.86	5.79	5.82
1	5	75	5.82	5.79	5.82	5.82	5.84	5.78	5.81
2	5	75	5.80	5.73	5.75	5.77	5.82	5.72	5.77
3	5	75	5.77	5.77	5.89	5.98	6.03	5.76	5.85
4	5	75	6.09	6.13	6.23	6.21	6.29	6.03	6.16
5	5	75	6.16	6.14	6.17	6.11	6.18	6.09	6.14
6	5	75	6.09	6.04	6.07	6.06	6.09	6.03	6.07
7	5	75	6.08	6.02	5.99	0.00	6.09	5.98	6.07

Unpublished Records
Subject to Revision

United States Department of the Interior

GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
8002 Federal Building
Salt Lake City, Utah 84138

QBR#8

RECEIVED APR 28 1975

APR 24 1975

Dear Sirs:

Enclosed is provisional information that has been collected at the Ua and Ub oil shale prototype areas in Utah.

Very truly yours,

For the District Chief

L. S. Conroy

L. S. Conroy

Enclosure

Original Sheets.

Called 4/28/75

No record 2/18 & 3/4 -- Tape removed 2/26; clock was stopped max. 280' 9 3/8". Started clock.

WATER LEVEL TAPE LISTING FOR VTN WELL -- P-1

DA	MO	YR	0600	1200	1800	2400	MAX	MIN	DAY
4	3	75	0.00	2.48	2.62	2.69	2.70	2.41	2.63
5	3	75	2.72	2.73	2.74	2.74	2.74	2.71	2.73
6	3	75	2.74	2.75	0.00	0.00	2.84	2.74	2.73

*

DA	MO	YR	0600	1200	1800	2400	MAX	MIN	DAY
17	3	75	0.00	0.00	2.89	2.89	2.89	2.89	2.89
17	4	75	3.89	7.38	6.73	7.03	10.04	2.89	1.94
18	3	75	7.10	7.03	7.08	7.20	7.27	6.98	7.10
20	3	75	7.23	7.20	7.25	7.30	7.33	7.17	7.25
21	3	75	7.34	7.31	7.25	7.34	7.39	7.19	7.31
22	3	75	7.49	7.63	7.60	7.46	7.66	7.40	7.55
23	3	75	7.39	7.29	7.20	7.13	7.39	7.10	7.25
24	3	75	7.10	7.08	7.10	7.12	7.15	7.03	7.10
25	3	75	7.19	7.34	7.53	7.68	7.70	7.11	7.43
26	3	75	7.73	7.67	7.64	7.62	7.78	7.57	7.67
27	3	75	7.54	7.47	7.31	7.23	7.56	7.12	7.39
28	3	75	7.05	6.94	6.85	6.92	7.11	6.81	6.94
29	3	75	6.91	6.89	6.89	7.00	7.01	6.85	6.92
30	3	75	7.01	7.06	7.19	7.38	7.42	7.01	7.16
31	3	75	7.44	7.48	7.50	7.50	7.52	7.42	7.48
1	4	75	7.46	7.45	0.00	0.00	7.48	7.40	7.48

* No Record 3/6 - 3/17. Clock stopped.

Unpublished Records
Subject to Revision

ATER LEVEL TAPE LISTING FOR VTN WELL -- G-7

DA	MO	YR	0600	1200	1800	2400	MAX	MIN	DAY
26	2	75	0.00	0.00	2.16	2.22	2.25	2.13	2.20
27	2	75	2.32	2.44	2.53	2.60	2.62	2.25	2.47
28	2	75	2.66	2.71	2.74	2.76	2.78	2.62	2.71
1	3	75	2.74	2.79	2.95	3.04	3.05	2.74	2.88
2	3	75	3.10	3.18	3.34	3.37	3.39	3.05	3.24
3	3	75	3.35	3.34	3.37	3.35	3.38	3.31	3.35
4	3	75	3.32	3.43	3.69	3.81	3.84	3.32	3.56
5	3	75	3.86	3.90	3.92	3.92	3.93	3.84	3.90
6	3	75	3.91	3.83	3.77	3.72	3.93	3.69	3.81
7	3	75	3.63	3.58	3.59	3.65	3.68	3.57	3.61
8	3	75	3.72	3.78	3.90	4.04	4.09	3.68	3.86
9	3	75	4.12	4.12	4.12	4.12	4.14	4.09	4.12
10	3	75	4.12	4.12	4.13	4.12	4.14	4.12	4.12
11	3	75	4.09	4.03	3.94	3.85	4.10	3.77	3.98
12	3	75	3.74	3.33	3.02	3.04	3.77	3.00	3.29
13	3	75	2.97	2.98	3.06	3.16	3.19	2.95	3.04
14	3	75	3.23	3.29	3.25	3.33	3.35	3.19	3.27
15	3	75	3.38	3.33	3.33	3.36	3.40	3.31	3.35
16	3	75	3.39	3.44	3.55	3.62	3.63	3.37	3.50
17	3	75	3.61	3.36	3.29	3.31	3.62	3.28	3.40
18	3	75	3.31	3.32	3.35	3.38	3.39	3.31	3.34
19	3	75	3.40	3.40	3.44	3.49	3.51	3.39	3.43
20	3	75	3.54	3.58	3.67	3.73	3.74	3.51	3.63
21	3	75	3.75	3.76	3.74	3.71	3.78	3.68	3.74
22	3	75	3.65	3.64	3.55	3.40	3.68	3.33	3.56
23	3	75	3.27	3.17	3.10	3.03	3.32	2.96	3.14
24	3	75	2.92	2.89	2.89	2.90	2.95	2.87	2.90
25	3	75	2.96	3.07	3.20	3.27	3.29	2.92	3.12
26	3	75	3.23	3.18	3.15	3.10	3.25	3.07	3.17
27	3	75	2.67	2.26	2.17	2.12	3.07	2.10	2.31
28	3	75	2.11	1.91	1.67	1.62	2.11	1.53	1.83
29	3	75	1.59	1.52	1.54	1.57	1.66	1.41	1.56
30	3	75	1.38	1.48	1.62	1.72	1.76	1.37	1.55
31	3	75	1.81	1.91	1.99	2.04	2.05	1.76	1.93
1	4	75	2.06	2.07	1.98	0.00	2.09	1.97	1.93

Unpublished Rec'd
Subject to Revision

WATER LEVEL TAPE LISTING FOR VTN WELL -- P-2 LOWER

DA	MO	YR	0600	1200	1800	2400	MAX	MIN	DAY
26	2	75	0.00	0.00	5.30	5.33	5.35	5.28	5.32
27	2	75	5.32	5.36	5.37	5.39	5.42	5.28	5.36
28	2	75	5.29	5.28	5.33	5.34	5.37	5.26	5.31
1	3	75	5.24	5.23	5.32	5.42	5.44	5.20	5.30
2	3	75	5.38	5.37	5.46	5.46	5.50	5.33	5.42
3	3	75	5.32	5.25	5.32	5.29	5.39	5.22	5.30
4	3	75	5.18	5.23	5.55	5.65	5.67	5.14	5.40
5	3	75	5.69	5.70	5.74	5.77	5.79	5.67	5.72
6	3	75	5.86	5.83	5.75	5.63	5.89	5.57	5.77
7	3	75	5.53	5.40	5.40	5.42	5.57	5.36	5.44
8	3	75	5.50	5.53	5.65	5.78	5.81	5.45	5.61
9	3	75	5.65	5.80	5.80	5.79	5.89	5.75	5.81
10	3	75	5.83	5.83	5.90	5.95	5.96	5.79	5.88
11	3	75	6.01	6.04	6.00	5.90	6.07	5.92	5.99
12	3	75	5.79	5.70	5.68	5.68	5.81	5.64	5.71
13	3	75	5.63	5.60	6.96	5.79	10.88	5.56	5.99 pump
14	3	75	5.78	5.79	5.82	5.87	5.89	5.75	5.82
15	3	75	5.82	5.76	5.72	5.77	5.83	5.69	5.77
16	3	75	5.76	5.81	5.88	5.97	5.99	5.75	5.85
17	3	75	5.88	5.73	5.61	5.65	5.94	5.59	5.72
18	3	75	5.61	5.58	5.59	5.65	5.66	5.56	5.61
19	3	75	5.67	5.67	5.73	5.82	5.86	5.66	5.72
20	3	75	5.87	5.84	5.89	5.92	5.94	5.83	5.88
21	3	75	5.97	5.93	5.91	5.99	6.06	5.87	5.95
22	3	75	6.16	6.26	6.22	6.06	6.28	6.01	6.18
23	3	75	6.02	5.94	5.88	5.78	6.02	5.74	5.91
24	3	75	5.76	5.74	5.78	5.76	5.81	5.71	5.76
25	3	75	5.85	5.97	6.15	6.27	6.30	5.75	6.06
26	3	75	6.31	6.25	6.24	6.20	6.34	6.12	6.25
27	3	75	6.11	6.04	5.90	5.85	6.12	5.76	5.98
28	3	75	5.72	5.64	5.58	5.63	5.76	5.54	5.64
29	3	75	5.57	5.56	5.55	5.64	5.65	5.51	5.58
30	3	75	5.82	5.68	5.79	5.96	5.99	5.61	5.76
31	3	75	6.01	6.05	6.06	6.05	6.07	5.99	6.04
1	4	75	6.03	6.01	5.95	0.00	6.04	5.95	6.04

Unpublished Records
Subject to Revision

WATER LEVEL TAPE LISTING FOR VTN WELL - P-2 UPPER

DA	MO	YR	0600	1200	1800	2400	MAX	MIN	DAY
26	2	75	0.00	0.00	8.78	8.91	8.96	8.73	8.87
27	2	75	8.81	8.85	8.84	8.99	9.02	8.71	8.87
28	2	75	8.84	8.82	8.85	8.97	9.02	8.75	8.87
1	3	75	8.85	8.82	8.89	9.06	9.11	8.75	8.90
2	3	75	9.00	8.97	9.05	9.09	9.15	8.87	9.03
3	3	75	8.85	8.87	8.96	8.98	9.05	8.80	8.94
4	3	75	8.90	8.95	9.25	9.41	9.45	8.81	9.12
5	3	75	9.49	9.46	9.47	9.55	9.57	9.39	9.49
6	3	75	9.65	9.64	9.55	9.50	9.70	9.44	9.58
7	3	75	9.43	9.32	9.31	9.39	9.45	9.21	9.36
8	3	75	9.45	9.46	9.52	9.72	9.74	9.37	9.54
9	3	75	9.75	9.72	9.67	9.76	9.81	9.60	9.73
10	3	75	9.77	9.79	9.84	9.93	9.94	9.78	9.83
11	3	75	9.96	9.98	9.97	9.94	10.02	9.96	9.96
12	3	75	9.3-	9.76	9.70	9.83	9.88	9.64	9.76
13	3	75	9.75	9.75	7.23	6.53	10.02	8.06	8.05
14	3	75	7.35	7.78	8.02	8.22	8.38	7.07	7.86
15	3	75	8.42	8.46	8.46	8.72	8.76	8.38	8.51
16	3	75	8.76	8.83	8.92	9.11	9.13	8.74	8.90
17	3	75	9.09	8.97	8.99	9.04	9.13	8.82	9.00
18	3	75	9.05	9.02	9.01	9.17	9.19	8.94	9.06
19	3	75	9.23	9.19	9.22	9.40	9.46	9.13	9.26
20	3	75	9.46	9.45	9.45	9.56	9.58	9.39	9.48
21	3	75	9.64	9.61	9.57	9.69	9.74	9.49	9.63
22	3	75	9.84	9.95	9.95	9.84	10.02	9.74	9.90
23	3	75	9.84	9.78	9.73	9.70	9.87	9.64	9.76
24	3	75	9.70	9.67	9.68	9.75	9.79	9.57	9.70
25	3	75	9.80	9.93	9.99	10.02	10.02	9.70	9.93
26	3	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
27	3	75	10.02	10.01	9.95	10.01	10.02	9.92	10.00
28	3	75	9.92	9.83	9.75	9.91	9.97	9.70	9.85
29	3	75	9.86	9.82	9.75	9.95	9.99	9.72	9.85
30	3	75	9.33	9.93	9.55	10.02	10.02	0.02	9.86
31	3	75	10.02	10.02	10.02	10.02	10.02	10.02	10.02
1	4	75	10.02	10.02	10.02	0.00	10.02	10.02	10.02

Unpublished F.R. and Subject to Revision

J. Henton

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
MULTIPLE STATION LISTING

PROCESS DATE 08/31/76

Rec'd 9/7/76
EHP
GBR #8

STATION NUMBER	LOCAL IDENT-I-FIER	DATE OF SAMPLE	TIME	TYPE	ILLEGAL CODE	DEPTH (FT) (00003)	TEMPER-ATURE (DEG C) (00010)	AIR TEMPER-ATURE (DEG C) (00020)	INSTAN-TANEOUS DIS-CHARGE (CFS) (00061)
395035109074001	(D-11-25)21CCA- 1 G-16	75-11-11	1515	2	--	--	10.5	2.0	--
		76-06-25	1636	2	--	--	--	--	--
		76-06-25	1641	2	--	--	12.8	--	--
395035109074002	(D-11-25)21CCA- 2G-16A	75-11-11	1330	2	--	--	12.0	5.0	--
		76-03-21	1251	2	--	--	12.4	--	1.3
		76-03-21	1252	2	--	--	12.4	--	1.3
		76-06-25	1730	2	--	--	--	--	--
		76-06-25	1735	2	--	--	13.6	--	--
395226109091201	(D-11-25) 7DAC- 1 G-13	75-11-11	1000	2	--	--	9.0	.0	--
395226109091202	(D-11-25) 7DAC- 2G-13A	75-12-19	1300	2	--	10	7.0	--	--
395229109091201	(D-11-25) 7DAC- 2 G-20	75-11-10	1130	2	--	--	10.5	10.0	--
		76-06-25	1003	2	--	--	10.9	--	--
395359109093201	(D-10-24)36DCD- 1 G-12	75-11-10	1500	2	--	--	10.0	7.0	--
395453109111001	(D-10-24)26CDD- 2 P-3	75-12-11	1001	2	--	531	12.8	--	--
		76-03-17	1600	2	--	--	15.6	--	4.0
		76-03-17	1602	2	--	--	15.6	--	4.0
		76-06-28	1615	2	--	--	--	--	--
395500109124401	(D-10-24)28DDB- 1 G-15	75-12-10	1409	2	--	532	14.5	--	--
		76-06-28	1255	2	--	--	18.8	--	--
395510109094901	(D-10-24)25CAA- 1 G-14	75-11-11	1145	2	--	--	10.5	6.5	--
		76-06-25	1446	2	--	--	--	--	--
		76-06-25	1451	2	--	--	13.4	--	--
395515109094901	(D-10-24)25BDD- 1 G-18	76-06-25	1335	2	--	--	--	--	--
		76-06-25	1336	2	--	--	10.6	--	--
395515109094902	(D-10-24)25BDD- 1G-18A	76-05-16	1130	2	--	--	17.6	--	--
		76-05-16	1135	2	--	--	17.6	--	--
		76-06-13	1300	2	--	--	9.5	--	--
395530109134901	(D-10-24)29AAC- 2 G-21	76-06-26	0945	2	--	--	16.1	--	--
395548109080701	(D-10-25)19DDA- 1 P-4	75-11-12	1145	2	--	--	13.5	.0	--
395554109172701	(D-10-23)23DBD- 1	76-01-07	1400	2	--	38	9.0	--	--
	AG-3 Upper or Lower?	76-04-19	1610	2	--	38	10.0	--	--
	AG-3U = 20'	76-06-15	1140	2	--	--	9.3	--	--
	AG-3L = USGS well	76-06-15	1150	2	--	--	9.3	--	--
395603109120801	(D-10-24)22CAD- 1 G-5	75-11-24	1455	2	--	--	16.5	5.0	--
395614109111401	(D-10-24)23BCA- 1 G-11	75-12-09	1240	2	--	493	15.5	--	--
395617109134401	(D-10-24)20AAD- 1 P-2U	75-11-13	1115	2	--	--	13.5	2.0	--
		75-11-13	1240	2	--	--	14.0	4.0	--
		75-11-13	1245	2	--	--	--	--	--
		76-03-17	1252	2	--	--	14.8	--	18
		76-03-17	1253	2	--	--	14.8	--	18

MULTIPLE STATION LISTING

STATION NUMBER	DATE OF SAMPLE	TURBIDITY (JTU) (00070)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	TOTAL FILTRABLE RESIDUE (MG/L) (00515)
395035109074001	75-11-11	--	620	4500	330	7.4	35	447	545	0	3500
	76-06-25	--	--	--	--	--	--	--	--	--	--
	76-06-25	--	--	4700	--	8.7	--	--	--	--	--
395035109074002	75-11-11	--	2	1300	6	9.4	.6	760	720	102	900
	76-03-21	--	1	1350	10	9.0	1.5	767	685	123	--
	76-03-21	--	--	1350	--	9.0	--	--	--	--	--
	76-06-25	--	--	--	--	--	--	--	--	--	--
	76-06-25	--	--	1460	--	8.4	--	--	--	--	--
395226109091201	75-11-11	--	26	5000	45	7.6	23	463	564	0	4800
395226109091202	75-12-19	--	10	5120	43	5.5	2820	458	558	0	--
395229109091201	75-11-10	--	13	5000	42	7.8	14	458	558	0	--
	76-06-25	--	--	5000	--	8.0	--	--	--	--	--
395359109093201	75-11-10	--	45	4900	98	7.6	81	1650	2010	0	4100
395453109111001	75-12-11	--	140	4750	310	9.5	1.9	3010	1320	1160	3900
	76-03-17	--	35	5300	100	9.6	.6	1240	914	294	--
	76-03-17	--	--	5300	--	9.6	--	--	--	--	--
	76-06-28	--	--	--	--	--	--	--	--	--	--
395500109124401	75-12-10	--	10	2640	210	8.4	6.0	778	810	68	1700
	76-06-28	--	--	2600	--	9.4	--	--	--	--	2000
395510109094901	75-11-11	--	8	3200	140	7.8	15	492	600	0	2500
	76-06-25	--	--	--	--	--	--	--	--	--	--
	76-06-25	--	--	3500	--	8.4	--	--	--	--	--
395515109094901	76-06-25	--	--	--	--	--	--	--	--	--	--
	76-06-25	--	--	3200	--	7.2	--	--	--	--	--
395515109094902	76-05-16	--	5	4090	--	8.0	3.1	160	195	0	--
	76-05-16	--	--	3400	--	8.0	--	--	--	--	--
	76-06-13	2200	30	3800	39	7.3	13	132	161	0	--
395530109134901	76-06-26	--	--	2150	--	9.5	--	--	--	--	1500
395548109080701	75-11-12	--	16	1630	150	9.0	1.0	490	510	43	1000
395554109172701	76-01-07	--	--	4250	--	8.0	9.2	474	578	0	--
	76-04-19	--	--	4400	--	7.7	18	455	555	0	--
	76-06-15	80	5	4000	91	7.6	24	497	606	0	--
	76-06-15	--	--	4000	--	7.6	--	--	--	--	--
395603109120801	75-11-24	--	100	2400	240	9.0	1.9	957	915	124	1700
395614109111401	75-12-09	--	200	6070	150	8.3	5.8	595	726	0	5000
395617109134401	75-11-13	--	3	3600	4	8.1	7.7	499	608	0	--
	75-11-13	--	--	1800	--	9.7	--	--	--	--	1200
	75-11-13	--	--	--	--	--	--	--	--	--	--
	76-03-17	--	3	3800	14	8.0	11	545	664	0	--
	76-03-17	--	--	3800	--	8.0	--	--	--	--	3200

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 08/31/76

MULTIPLE STATION LISTING

STATION NUMBER	DATE OF SAMPLE	TOTAL NON-FILTRABLE RESIDUE (MG/L) (00530)	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (P04) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)
395035109074001	75-11-11	34	1	2.1	.01	--	3.7	.06	.03	.03	.01
	76-06-25	--	--	--	--	--	--	--	--	--	--
	76-06-25	--	--	--	--	--	--	--	--	--	--
395035109074002	75-11-11	<1	0	.86	.01	--	1.4	.01	.28	.10	.09
	76-03-21	--	2	.65	.00	.00	2.0	.00	.28	.11	.09
	76-03-21	--	--	--	--	--	--	--	--	--	--
	76-06-25	--	--	--	--	--	--	--	--	--	--
	76-06-25	--	--	--	--	--	--	--	--	--	--
G-20 395226109091201	75-11-11	1	0	.04	.01	--	.63	.01	.03	.02	.01
G-13A 395226109091202	75-12-19	--	0	.04	.00	.40	2.3	.40	.06	.11	.02
G-20 395229109091201	75-11-10	--	0	.20	.00	--	1.4	.01	.03	.05	.01
	76-06-25	--	--	--	--	--	--	--	--	--	--
G-20 395359109093201	75-11-10	25	1	.81	.09	--	3.6	11	.18	.03	.06
P-3 395453109111001	75-12-11	25	15	4.8	.00	.11	18	.11	1.4	.60	.47
	76-03-17	--	4	5.6	.00	.06	10	.06	1.4	.15	.46
	76-03-17	--	--	--	--	--	--	--	--	--	--
	76-06-28	--	--	--	--	--	--	--	--	--	--
G-15 395500109124401	75-12-10	36	4	.83	.00	.00	3.6	.00	.06	.00	.02
	76-06-28	--	--	--	--	--	--	--	--	--	--
G-18 395510109094901	75-11-11	8	1	1.5	.00	--	3.1	.00	.03	.02	.01
	76-06-25	--	--	--	--	--	--	--	--	--	--
	76-06-25	--	--	--	--	--	--	--	--	--	--
G-18 395515109094901	76-06-25	--	--	--	--	--	--	--	--	--	--
	76-06-25	--	--	--	--	--	--	--	--	--	--
G-18A 395515109094902	76-05-16	--	--	.15	.04	.66	.76	.70	.03	.42	.01
	76-05-16	--	--	--	--	--	--	--	--	--	--
	76-06-13	--	3	1.1	.24	.11	1.8	.35	.00	.95	.00
G-21 395530109134901	76-06-26	--	--	--	--	--	--	--	--	--	--
P-4 395548109080701	75-11-12	20	1	3.5	.01	.00	4.7	.01	.61	.23	.20
395554109172701	76-01-07	--	--	--	--	--	--	.03	.06	--	.02
	76-04-19	--	--	--	--	--	--	.06	.06	--	.02
	76-06-15	--	3	.62	.00	.03	1.7	.03	.00	.09	.00
	76-06-15	--	--	--	--	--	--	--	--	--	--
395603109120801	75-11-24	55	1	1.0	.00	.02	2.9	.02	.15	.05	.05
395614109111401	75-12-09	110	8	1.9	.00	.00	4.4	.00	.12	.05	.04
395617109134401	75-11-13	--	1	2.2	.01	.00	3.4	.01	.03	.01	.01
	75-11-13	<1	--	--	--	--	--	--	--	--	--
	75-11-13	--	--	--	--	--	--	--	--	--	--
	76-03-17	--	1	2.0	.00	.02	3.4	.02	.03	.02	.01
	76-03-17	4	--	--	--	--	--	--	--	--	--

MULTIPLE STATION LISTING

STATION NUMBER	DATE OF SAMPLE	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	DIS-SOL-VED ORGANIC CARBON (C) (MG/L) (00681)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)
395035109074001	75-11-11	12	--	151	--	180	780	330	64	150	890
	76-06-25	--	--	--	--	--	--	--	--	--	--
	76-06-25	--	--	--	--	--	--	--	--	--	--
395035109074002	75-11-11	17	--	163	--	.2	2	0	.7	.1	350
	76-03-21	4.6	--	176	.00	.0	11	0	.9	2.2	340
	76-03-21	--	--	--	--	--	--	--	--	--	--
	76-06-25	--	--	--	--	--	--	--	--	--	--
	76-06-25	--	--	--	--	--	--	--	--	--	--
395226109091201	75-11-11	17	--	130	--	.2	1100	610	130	180	970
395226109091202	75-12-19	20	--	44	--	.1	1200	700	180	170	830
395229109091201	75-11-10	26	--	116	--	.3	1100	610	130	180	950
	76-06-25	--	--	--	--	--	--	--	--	--	--
395359109093201	75-11-10	45	--	378	--	1.4	910	0	98	160	1100
395453109111001	75-12-11	16	--	180	--	74	9	0	1.0	1.6	1700
	76-03-17	--	--	--	.00	3.0	40	0	11	3.0	1300
	76-03-17	--	--	--	--	--	--	--	--	--	--
	76-06-28	--	--	--	--	--	--	--	--	--	--
395500109124401	75-12-10	13	--	18	--	120	22	0	2.4	3.7	640
	76-06-28	--	--	--	--	--	--	--	--	--	--
395510109094901	75-11-11	33	--	141	--	46	500	8	40	94	580
	76-06-25	--	--	--	--	--	--	--	--	--	--
	76-06-25	--	--	--	--	--	--	--	--	--	--
395515109094901	76-06-25	--	--	--	--	--	--	--	--	--	--
	76-06-25	--	--	--	--	--	--	--	--	--	--
395515109094902	76-05-16	--	9.0	--	.00	.0	820	660	98	140	730
	76-05-16	--	--	--	--	--	--	--	--	--	--
	76-06-13	--	17	--	.00	.0	610	470	130	68	670
395530109134901	76-06-26	--	--	--	--	--	--	--	--	--	--
395548109080701	75-11-12	57	--	112	--	10	120	0	9.9	22	320
395554109172701	76-01-07	--	--	--	--	--	1500	1100	270	210	550
	76-04-19	--	--	--	--	--	1500	1000	250	210	600
	76-06-15	--	4.9	--	.00	.0	1400	900	230	200	570
	76-06-15	--	--	--	--	--	--	--	--	--	--
395603109120801	75-11-24	18	--	145	--	29	200	0	75	3.5	660
395614109111401	75-12-09	13	--	16	--	80	830	240	48	170	1200
395617109134401	75-11-13	43	--	123	--	1.0	270	0	28	48	840
	75-11-13	--	--	--	--	--	--	--	--	--	--
	75-11-13	--	--	--	--	--	--	--	--	--	--
	76-03-17	--	--	--	.00	.1	340	0	33	61	850
	76-03-17	--	--	--	--	--	--	--	--	--	--

MULTIPLE STATION LISTING

STATION NUMBER	DATE OF SAMPLE	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)
395035109074001	75-11-11	14	71	3.1	190	1900	6.2	19	26	0	10
	76-06-25	--	--	--	--	--	--	--	--	--	--
	76-06-25	--	--	--	--	--	--	--	--	30	<20
395035109074002	75-11-11	104	100	.5	6.8	1.3	1.1	7.9	0	100	0
	76-03-21	44	98	.6	6.6	4.2	.9	8.2	0	0	0
	76-03-21	--	--	--	--	--	--	--	--	40	<4
	76-06-25	--	--	--	--	--	--	--	--	--	--
	76-06-25	--	--	--	--	--	--	--	--	40	<4
395226109091201	75-11-11	13	66	6.9	59	2500	2.1	12	11	0	20
395226109091202	75-12-19	11	61	8.0	66	2400	1.4	10	0	0	10
395229109091201	75-11-10	13	66	8.5	63	2500	1.6	11	2	0	10
	76-06-25	--	--	--	--	--	--	--	--	40	<20
395359109093201	75-11-10	16	72	11	99	1500	8.4	20	50	0	20
395453109111001	75-12-11	245	100	5.2	310	290	21	17	12	0	10
	76-03-17	90	98	4.2	110	490	17	15	10	0	0
	76-03-17	--	--	--	--	--	--	--	--	20	<10
	76-06-28	--	--	--	--	--	--	--	--	60	<7
395500109124401	75-12-10	60	98	1.8	170	350	2.6	15	0	300	10
	76-06-28	--	--	2.6	--	--	--	--	--	--	--
395510109094901	75-11-11	11	72	2.6	74	1100	.8	27	13	0	0
	76-06-25	--	--	--	--	--	--	--	--	--	--
	76-06-25	--	--	--	--	--	--	--	--	20	<10
395515109094901	76-06-25	--	--	--	--	--	--	--	--	--	--
	76-06-25	--	--	--	--	--	--	--	--	70	<8
395515109094902	76-05-16	11	66	9.2	38	2100	.5	4.2	0	0	20
	76-05-16	--	--	--	--	--	--	--	--	20	<10
	76-06-13	12	70	15	33	1900	.5	3.2	0	0	10
395530109134901	76-06-26	--	--	1.3	--	--	--	--	--	--	--
395548109080701	75-11-12	13	85	3.4	210	98	2.1	20	1200	300	0
395554109172701	76-01-07	6.1	44	5.5	190	2000	.4	18	--	--	--
	76-04-19	6.8	47	5.5	170	2100	.4	16	--	--	--
	76-06-15	6.6	47	3.8	170	1900	.3	20	1	0	0
	76-06-15	--	--	--	--	--	--	--	--	40	<30
395603109120801	75-11-24	20	88	1.9	240	350	1.2	15	210	0	0
395614109111401	75-12-09	18	76	3.9	89	2700	1.2	25	0	<20	0
395617109134401	75-11-13	22	87	2.0	53	1500	.6	17	3	100	20
	75-11-13	--	--	--	--	--	--	--	--	--	--
	75-11-13	--	--	--	--	--	--	--	--	--	--
	76-03-17	20	85	1.9	54	1600	.6	20	0	0	0
	76-03-17	--	--	--	--	--	--	--	--	--	--

STATION NUMBER	DATE OF SAMPLE	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	TOTAL CHRO-MIUM (CR) (UG/L) (01034)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)
395035109074001	75-11-11	<20	7900	1	10	--	0	0	60	1	30
	76-06-25	--	--	--	--	--	--	--	--	--	--
	76-06-25	<100	6000	0	<70	--	<70	<15	110	<70	<70
395035109074002	75-11-11	<6	400	0	<10	--	0	14	50	0	5
	76-03-21	--	390	0	10	--	0	1	30	0	10
	76-03-21	<25	250	0	<20	--	<20	6	<20	<20	<20
	76-06-25	--	--	--	--	--	--	--	--	--	--
	76-06-25	<30	170	0	<20	--	<20	<5	70	<20	<20
395226109091201	75-11-11	<25	1800	1	<10	--	0	4	320	2	60
395226109091202	75-12-19	--	1800	1	0	--	0	60	20	2	40
395229109091201	75-11-10	<150	1400	0	<10	--	0	0	820	0	100
	76-06-25	110	1800	0	<80	--	<80	<16	530	<80	100
395359109093201	75-11-10	<80	24000	0	10	--	0	19	260	2	70
395453109111001	75-12-11	<60	--	0	10	--	0	3	70	2	10
	76-03-17	--	880	0	0	--	0	12	440	2	30
	76-03-17	<80	25000	1	<55	--	<55	20	100	<55	<50
	76-06-28	<45	1100	0	<30	--	<30	<7	170	<30	<30
395500109124401	75-12-10	<35	2000	0	0	--	0	7	100	1	20
	76-06-28	--	--	--	--	--	--	--	--	--	--
395510109094901	75-11-11	<15	1700	0	<10	--	0	0	120	2	30
	76-06-25	--	--	--	--	--	--	--	--	--	--
	76-06-25	<60	1600	0	<45	--	<45	<10	140	<45	<50
395515109094901	76-06-25	--	--	--	--	--	--	--	--	--	--
	76-06-25	<50	240	0	<40	--	<40	<8	180	<40	640
395515109094902	76-05-16	--	30	0	--	20	0	2	0	0	40
	76-05-16	<70	590	0	<50	--	<50	<10	60	<50	80
	76-06-13	--	640	0	--	340	0	4	30	0	10
395530109134901	76-06-26	--	--	--	--	--	--	--	--	--	--
395548109080701	75-11-12	<7	5200	0	<10	--	0	0	210	0	20
395554109172701	76-01-07	--	1200	--	--	--	--	--	--	--	--
	76-04-19	--	3800	--	--	--	--	--	--	--	--
	76-06-15	--	2400	0	--	10	0	2	30	8	380
	76-06-15	<80	3300	0	170	--	<60	<15	100	<60	680
395603109120801	75-11-24	<35	2200	0	<10	--	1	0	100	3	20
395614109111401	75-12-09	<85	3000	0	<85	--	<85	<20	320	<85	40
395617109134401	75-11-13	<55	310	0	<10	--	0	0	90	1	40
	75-11-13	--	--	--	--	--	--	--	--	--	--
	75-11-13	--	--	--	--	--	--	--	--	--	--
	76-03-17	<65	310	0	0	--	0	2	40	1	30
	76-03-17	--	--	--	--	--	--	--	--	--	--

STATION NUMBER	DATE OF SAMPLE	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED ANTI-MONY (SB) (UG/L) (01095)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED CESIUM (CS) (UG/L) (01115)
395035109074001	75-11-11	0	3	0	2900	17	30	--	<20	10	--
	76-06-25	--	--	--	--	--	--	--	--	--	--
	76-06-25	<40	<70	<7	2900	<70	30	--	<70	160	--
395035109074002	75-11-11	0	1	0	80	.0	20	--	<6	0	--
	76-03-21	0	0	0	70	.0	10	--	--	10	--
	76-03-21	10	<20	<2	60	<10	0	--	<20	10	--
	76-06-25	--	--	--	--	--	--	--	--	--	--
	76-06-25	<12	<20	<2	50	<20	0	--	<20	70	--
395226109091201	75-11-11	75	4	0	3400	2.1	50	--	<25	0	--
395226109091202	75-12-19	33	3	0	3600	1.2	100	--	--	20	--
395229109091201	75-11-10	29	1	0	3500	1.0	100	--	<75	0	--
	76-06-25	100	<80	<8	3800	<80	10	--	<80	110	--
395359109093201	75-11-10	200	26	0	4800	5.4	490	--	<80	10	--
395453109111001	75-12-11	9	2	0	240	3.8	30	--	<60	60	--
	76-03-17	4	4	0	310	5.5	60	--	--	10	--
	76-03-17	100	<55	<6	350	<35	20	--	<55	130	--
	76-06-28	60	<30	<3	1100	<30	30	--	<30	160	--
395500109124401	75-12-10	2	2	0	460	1.0	20	--	<35	30	--
	76-06-28	--	--	--	--	--	--	--	--	--	--
395510109094901	75-11-11	0	2	0	12000	3.9	30	--	<15	0	--
	76-06-25	--	--	--	--	--	--	--	--	--	--
	76-06-25	60	<45	<5	19000	<45	40	--	<45	60	--
395515109094901	76-06-25	--	--	--	--	--	--	--	--	--	--
	76-06-25	50	<40	<4	1800	<40	50	--	<40	60	--
395515109094902	76-05-16	22	0	0	2100	.7	0	0	--	10	--
	76-05-16	40	<50	<5	1900	<25	0	--	<50	220	--
	76-06-13	33	4	0	1300	1.0	20	0	--	0	--
395530109134901	76-06-26	--	--	--	--	--	--	--	--	--	--
395548109080701	75-11-12	160	70	0	4200	7.6	10	--	<7	30	--
395554109172701	76-01-07	--	--	--	--	--	--	--	--	--	--
	76-04-19	--	--	--	--	--	--	--	--	--	--
	76-06-15	18	0	0	3400	1.4	860	0	--	0	--
	76-06-15	40	<60	<6	3700	<60	8900	--	<60	110	--
395603109120801	75-11-24	1	5	0	1100	28	0	--	<35	20	--
395614109111401	75-12-09	23	<84	0	9700	3.9	150	--	<85	200	--
395617109134401	75-11-13	34	2	0	4600	.7	20	--	<55	10	<1
	75-11-13	--	--	--	--	--	--	--	--	--	--
	75-11-13	--	--	--	--	--	--	--	--	50	--
	76-03-17	29	0	0	5600	.4	20	--	<45	10	--
	76-03-17	--	--	--	--	--	--	--	--	--	--

STATION NUMBER	DATE OF SAMPLE	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	SUS-PENDED GROSS BETA AS CS-137 (PC/L) (03516)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L) (09511)	PHENOLS (UG/L) (32730)
395035109074001	75-11-11	<10	<30	610	0	<20	<50	37	<.4	.20	--
	76-06-25	--	--	--	--	--	--	--	--	.04	--
	76-06-25	<30	<140	670	--	<60	<140	--	--	--	--
395035109074002	75-11-11	<3	<10	100	0	<5	<10	7.4	<.4	.13	--
	76-03-21	--	--	120	0	--	--	--	--	--	3
	76-03-21	<8	<20	100	--	<10	<30	--	--	--	--
	76-06-25	--	--	--	--	--	--	--	--	11	--
	76-06-25	<8	<40	110	--	<20	<40	--	--	--	--
395226109091201	75-11-11	<10	<40	140	1	<20	<50	50	4.7	.18	--
395226109091202	75-12-19	--	--	100	5	--	--	--	--	--	--
395229109091201	75-11-10	<30	<150	100	0	<50	<100	--	--	--	--
	76-06-25	<30	<150	110	--	<60	<150	--	--	--	--
395359109093201	75-11-10	<20	<80	430	15	<50	<150	98	9.3	.10	--
395453109111001	75-12-11	<30	<130	530	0	<40	<130	17	1.2	.08	--
	76-03-17	--	--	580	0	--	--	--	--	--	0
	76-03-17	<30	<60	610	--	<40	<80	--	--	--	--
	76-06-28	<20	<60	670	--	<30	<60	--	--	--	--
395500109124401	75-12-10	<20	<80	470	0	<20	<80	11	1.9	.06	--
	76-06-28	--	--	--	--	--	--	<7.2	--	--	--
395510109094901	75-11-11	<7	<20	1100	0	<10	<30	12	.4	.34	--
	76-06-25	--	--	--	--	--	--	--	--	.25	--
	76-06-25	<20	<90	1100	--	<40	<90	--	--	--	--
395515109094901	76-06-25	--	--	--	--	--	--	--	--	.06	--
	76-06-25	<20	<80	60	--	<30	<80	--	--	--	--
395515109094902	76-05-16	--	--	90	0	--	--	--	--	--	--
	76-05-16	<20	<100	80	--	<40	<70	--	--	--	--
	76-06-13	--	--	80	0	--	--	--	--	--	1
395530109134901	76-06-26	--	--	--	--	--	--	<6.9	--	--	--
395548109080701	75-11-12	<4	<10	670	0	<5	<20	180	1.5	.32	--
395554109172701	76-01-07	--	--	--	--	--	--	--	--	--	--
	76-04-19	--	--	--	--	--	--	--	--	--	--
	76-06-15	--	--	130	0	--	--	--	--	--	2
	76-06-15	<30	<80	130	--	<40	<130	--	--	--	--
395603109120801	75-11-24	<8	<40	610	0	<20	<80	<6.4	1.5	.07	--
395614109111401	75-12-09	<40	<180	970	0	<60	<200	20	.9	.18	--
395617109134401	75-11-13	<10	<60	300	0	<30	<100	32	<.4	.08	--
	75-11-13	--	--	--	--	--	--	9.4	<.4	.06	--
	75-11-13	--	--	--	--	--	--	--	--	--	--
	76-03-17	<20	<50	350	0	<30	<70	--	--	--	6
	76-03-17	--	--	--	--	--	--	<6.7	<.4	.10	--

STATION NUMBER	DATE OF SAMPLE	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS-SOLVED MERCURY (HG) (UG/L) (71890)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL) (72000)
395035109074001	75-11-11	3490	3680	--	4.75	2.7	--	.03	--	.0	5560
	76-06-25	--	--	--	--	--	--	--	--	--	5560
	76-06-25	--	--	--	--	--	--	--	--	--	5560
395035109074002	75-11-11	841	826	--	1.14	1.1	--	.03	--	.0	5560
	76-03-21	850	826	2.98	1.16	.84	.00	.00	.1	.0	5560
	76-03-21	--	--	--	--	--	--	--	--	--	5560
	76-06-25	--	--	--	--	--	--	--	--	--	5560
	76-06-25	--	--	--	--	--	--	--	--	--	5560
395226109091201	75-11-11	4420	4140	--	6.01	.05	--	.03	--	.0	5362
395226109091202	75-12-19	4200	3950	--	5.71	.05	1.8	.00	--	.1	5362
395229109091201	75-11-10	4500	4130	--	6.12	.26	--	.00	--	.0	5362
	76-06-25	--	--	--	--	--	--	--	--	--	5362
395359109093201	75-11-10	4020	4020	--	5.47	1.0	--	.30	--	.0	5331
395453109111001	75-12-11	4350	4240	--	5.92	6.2	.49	.00	--	.2	5500
	76-03-17	2240	2710	24.2	3.05	7.2	.27	.00	.6	2.8	5500
	76-03-17	--	--	--	--	--	--	--	--	--	5500
	76-06-28	--	--	--	--	--	--	--	--	--	5500
395500109124401	75-12-10	1740	1780	--	2.37	1.1	.00	.00	--	.3	5338
	76-06-28	--	--	--	--	--	--	--	--	--	5338
395510109094901	75-11-11	2370	2280	--	3.22	1.9	--	.00	--	.0	5190
	76-06-25	--	--	--	--	--	--	--	--	--	5190
	76-06-25	--	--	--	--	--	--	--	--	--	5190
395515109094901	76-06-25	--	--	--	--	--	--	--	--	--	5254
	76-06-25	--	--	--	--	--	--	--	--	--	5254
395515109094902	76-05-16	3430	3220	--	4.66	.19	2.9	.13	--	.2	5253
	76-05-16	--	--	--	--	--	--	--	--	--	5253
	76-06-13	3050	2900	--	4.15	1.4	.49	.79	.4	.3	5253
395530109134901	76-06-26	--	--	--	--	--	--	--	--	--	5272
395548109080701	75-11-12	1020	1000	--	1.39	4.5	.00	.03	--	.0	5600
395554109172701	76-01-07	--	3530	--	4.80	--	--	--	--	--	4940
	76-04-19	--	3630	--	4.94	--	--	--	--	--	4940
	76-06-15	3620	3400	--	4.92	.80	.13	.00	.6	.1	4940
	76-06-15	--	--	--	--	--	--	--	--	--	4940
395603109120801	75-11-24	1770	1960	--	2.41	1.3	.09	.00	--	.1	5300
395614109111401	75-12-09	4870	4690	--	6.62	2.4	.00	.00	--	--	5400
395617109134401	75-11-13	2810	2790	--	3.82	2.8	.00	.03	--	.0	5040
	75-11-13	--	--	--	--	--	--	--	--	--	5040
	75-11-13	--	--	--	--	--	--	--	--	--	5040
	76-03-17	3030	2960	147	4.12	2.6	.09	.00	.3	.0	5040
	76-03-17	--	--	--	--	--	--	--	--	--	5040

MULTIPLE STATION LISTING

STATION NUMBER	DATE OF SAMPLE	TOTAL DEPTH OF WELL (FT) (72008)	DIS-SOLVED URANIUM (DIRECT FLUORO-METRIC) (PC/L) (80010)	DIS-SOLVED URANIUM (U) (UG/L) (80020)	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	SUS-PENDED GROSS ALPHA AS U-NAT. (UG/L) (80040)	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)	SUS-PENDED GROSS BETA AS SR90 /Y90 (PC/L) (80060)
395035109074001	75-11-11	77	--	.20	<57	.7	30	<.4
	76-06-25	77	1.1	--	--	--	--	--
	76-06-25	77	--	--	--	--	--	--
395035109074002	75-11-11	193	.0	<.01	<9.8	<.4	6.0	<.4
	76-03-21	193	--	--	--	--	--	--
	76-03-21	193	--	--	--	--	--	--
	76-06-25	193	.5	--	--	--	--	--
	76-06-25	193	--	--	--	--	--	--
395226109091201	75-11-11	29	22	--	<56	<.4	44	4.4
395226109091202	75-12-19	21	--	--	--	--	--	--
395229109091201	75-11-10	70	--	--	--	--	--	--
	76-06-25	70	--	--	--	--	--	--
395359109093201	75-11-10	50	26	--	110	.9	83	8.1
395453109111001	75-12-11	540	--	1.1	<71	2.8	14	1.0
	76-03-17	540	--	--	--	--	--	--
	76-03-17	540	--	--	--	--	--	--
	76-06-28	540	--	--	--	--	--	--
395500109124401	75-12-10	627	--	.80	<26	1.9	8.9	1.6
	76-06-28	627	--	--	<22	--	<5.7	--
395510109094901	75-11-11	90	--	.60	<36	<.4	11	.4
	76-06-25	90	1.3	--	--	--	--	--
	76-06-25	90	--	--	--	--	--	--
395515109094901	76-06-25	60	1.8	--	--	--	--	--
	76-06-25	60	--	--	--	--	--	--
395515109094902	76-05-16	31	--	--	--	--	--	--
	76-05-16	31	--	--	--	--	--	--
	76-06-13	31	--	--	--	--	--	--
395530109134901	76-06-26	612	--	--	<14	--	<5.5	--
395548109080701	75-11-12	1176	2.1	--	16	.6	140	1.3
395554109172701	76-01-07	38	--	--	--	--	--	--
	76-04-19	38	--	--	--	--	--	--
	76-06-15	38	--	--	--	--	--	--
	76-06-15	38	--	--	--	--	--	--
395603109120801	75-11-24	620	1.2	--	<18	2.5	<5.1	1.2
395614109111401	75-12-09	650	--	.03	<84	<1.6	18	.7
395617109134401	75-11-13	317	--	.20	<24	<.4	27	<.4
	75-11-13	317	--	.04	<9.7	<.4	7.9	<.4
	75-11-13	317	--	--	--	--	--	--
	76-03-17	317	--	--	--	--	--	--
	76-03-17	317	--	.20	<26	<.4	<5.7	<.4

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
MULTIPLE STATION LISTING

PROCESS DATE 08/31/76

STATION NUMBER	LOCAL IDENT-I-FIER	DATE OF SAMPLE	TIME	TYPE	ILLEGAL CODE	DEPTH (FT) (00003)	TEMPER-ATURE (DEG C) (00010)	AIR TEMPER-ATURE (DEG C) (00020)	INSTAN-TANEOUS DIS-CHARGE (CFS) (00061)
395617109134401	(D-10-24)20AAD- 1 P-2U	76-06-26	1204	2	--	--	15.0	--	--
395617109134402	(D-10-24)20AAD- 2 P-2L	75-11-13	1240	2	--	--	14.0	4.0	--
		76-06-26	1346	2	--	--	16.4	--	--
395635109101501	(D-10-24)13CCC- 1 G-10	75-11-13	1500	2	--	--	14.0	5.0	--
	24883	76-03-21	1030	2	--	--	15.3	--	8.0
		76-06-30	1348	2	--	--	16.3	--	--
395651109140201	(D-10-24)17DAD- 1	76-01-21	1200	2	--	27	10.0	--	--
	(AG-2 upper or lower?	76-04-19	1350	2	--	27	12.0	--	--
		76-05-19	1615	2	--	--	12.0	--	--
	AG-2U = 22'	76-05-19	1620	2	--	--	12.0	--	--
	AG-2L = 40'								
		76-06-16	1340	2	--	--	11.1	--	--
		76-06-16	1350	2	--	--	11.1	--	--
395707109093101	(D-10-24)13ADB- 1 G-8	75-11-12	1445	2	--	--	12.0	5.0	--
		76-06-24	1052	2	--	--	12.7	--	--
395707109093102	(D-10-24)13ADB- 2 G-8A	75-11-12	1400	2	--	--	10.5	4.0	--
		76-06-24	1218	2	--	--	12.8	--	--
395733109095401	(D-10-24)12CDA- 1 P-1	75-11-14	1525	2	--	--	13.5	7.0	--
		76-06-24	1418	2	--	--	15.0	--	--
		76-06-24	1428	2	--	--	15.0	--	--
395751109094501	(D-10-24)12BDB- 1 G-17	75-11-12	1610	2	--	--	12.5	5.0	--
		76-06-24	0855	2	--	--	13.5	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESSED DATE 08/31/76

MULTIPLE STATION LISTING

STATION NUMBER	DATE OF SAMPLE	TURBIDITY (JTU) (00070)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	TOTAL FILTRABLE RESIDUE (MG/L) (00515)
395617109134401	76-06-26	--	--	4000	--	8.0	--	--	--	--	--
395617109134402	75-11-13	--	6	1800	18	9.7	.2	529	387	127	--
	76-06-26	--	--	2000	--	8.8	--	--	--	--	--
395635109101501	75-11-13	--	7	4750	29	7.4	36	460	561	0	5000
	76-03-21	--	6	5100	38	8.0	9.4	480	585	0	4800
	76-06-30	--	--	4300	--	7.9	--	--	--	--	--
395651109140201	76-01-21	--	--	7250	--	7.7	11	283	345	0	--
	76-04-19	--	--	7000	--	7.4	22	287	350	0	--
	76-05-19	--	0	5800	--	8.1	4.3	278	339	0	--
	76-05-19	--	--	5800	--	8.1	--	--	--	--	--
	76-06-16	400	0	6200	36	7.7	11	280	341	0	--
	76-06-16	--	--	6200	--	7.7	--	--	--	--	--
395707109093101	75-11-12	--	11	5000	33	7.5	31	506	617	0	4900
	76-06-24	--	--	5700	--	8.1	--	--	--	--	--
395707109093102	75-11-12	--	5	4500	30	7.4	41	526	641	0	4700
	76-06-24	--	--	4200	--	8.0	--	--	--	--	--
395733109095401	75-11-14	--	6	4750	40	7.3	44	452	551	0	4400
	76-06-24	--	10	500	49	8.0	8.9	456	556	0	--
	76-06-24	--	--	5000	--	8.0	--	--	--	--	--
395751109094501	75-11-12	--	16	2070	100	9.3	.7	734	722	85	1500
	76-06-24	--	30	2010	34	8.3	7.4	753	918	0	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 08/31/76

MULTIPLE STATION LISTING

STATION NUMBER	DATE OF SAMPLE	TOTAL NON-FILTRABLE RESIDUE (MG/L) (00530)	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (P04) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)
395617109134401	76-06-26	--	--	--	--	--	--	--	--	--	--
395617109134402	75-11-13	--	0	.59	.01	.00	.83	.01	.06	.00	.02
	76-06-26	--	--	--	--	--	--	--	--	--	--
395635109101501	75-11-13	4	0	.00	.02	--	.81	.18	.00	.01	.00
	76-03-21	9	0	.00	.01	.27	4.6	.28	.03	.02	.01
	76-06-30	--	--	--	--	--	--	--	--	--	--
395651109140201	76-01-21	--	--	--	--	--	--	5.5	.09	--	.03
	76-04-19	--	--	--	--	--	--	7.8	.06	--	.02
	76-05-19	--	--	.09	.38	6.0	.83	6.4	.03	.46	.01
	76-05-19	--	--	--	--	--	--	--	--	--	--
	76-06-16	--	2	.06	.36	5.4	1.9	5.8	.00	1.2	.00
	76-06-16	--	--	--	--	--	--	--	--	--	--
395707109093101	75-11-12	4	0	.64	.00	--	1.8	.02	.00	.01	.00
	76-06-24	--	--	--	--	--	--	--	--	--	--
395707109093102	75-11-12	25	0	.08	.01	.01	1.0	.02	.03	.01	.01
	76-06-24	--	--	--	--	--	--	--	--	--	--
395733109095401	75-11-14	3	1	.41	.01	--	1.4	.01	.03	.01	.01
	76-06-24	--	0	.38	.01	.00	.76	.01	.03	.01	.01
	76-06-24	--	--	--	--	--	--	--	--	--	--
395751109094501	75-11-12	16	1	3.7	.01	.00	4.9	.01	.18	.04	.06
	76-06-24	--	0	2.0	.02	.03	2.1	.05	.09	.04	.03

UNITED STATES DEPARTMENT INTERIOR - GEOLOGICAL SURVEY PROCESS TE 08/31/76

MULTIPLE STATION LISTING

STATION NUMBER	DATE OF SAMPLE	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	DIS-SOL-VED ORGANIC CARBON (C) (MG/L) (00681)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)
395617109134401	76-06-26	--	--	--	--	--	--	--	--	--	--
395617109134402	75-11-13	14	--	105	--	7.0	80	0	5.1	16	410
	76-06-26	--	--	--	--	--	--	--	--	--	--
395635109101501	75-11-13	9.5	--	112	--	.2	1300	800	190	190	890
	76-03-21	11	--	132	.00	.6	1200	770	200	180	900
	76-06-30	--	--	--	--	--	--	--	--	--	--
395651109140201	76-01-21	--	--	--	--	--	3500	3200	790	370	770
	76-04-19	--	--	--	--	--	3400	3100	730	380	830
	76-05-19	--	7.6	--	.00	.0	3400	3100	700	390	730
	76-05-19	--	--	--	--	--	--	--	--	--	--
	76-06-16	--	11	--	.00	.0	3300	3000	670	390	750
	76-06-16	--	--	--	--	--	--	--	--	--	--
395707109093101	75-11-12	21	--	115	--	1.0	1200	710	170	190	920
	76-06-24	--	--	--	--	--	--	--	--	--	--
395707109093102	75-11-12	24	--	103	--	.0	1200	700	190	180	770
	76-06-24	--	--	--	--	--	--	--	--	--	--
395733109095401	75-11-14	21	--	113	--	4.8	1000	580	130	170	900
	76-06-24	--	11	--	.00	5.6	1300	800	170	200	900
	76-06-24	--	--	--	--	--	--	--	--	--	--
395751109094501	75-11-12	60	--	156	--	.0	5	0	1.6	.2	520
	76-06-24	--	14	--	.01	.0	3	0	.8	.3	520

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 08/31/76

MULTIPLE STATION LISTING

STATION NUMBER	DATE OF SAMPLE	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)
395617109134401	76-06-26	--	--	--	--	--	--	--	--	30	<10
395617109134402	75-11-13	20	92	1.8	33	440	1.2	3.3	2	0	20
	76-06-26	--	--	--	--	--	--	--	--	20	<6
395635109101501	75-11-13	11	60	9.3	66	2600	1.0	10	16	0	0
	76-03-21	11	61	9.1	65	2500	.9	11	6	0	10
	76-06-30	--	--	--	--	--	--	--	--	30	<20
395651109140201	76-01-21	5.7	32	7.6	230	4300	.2	19	--	--	--
	76-04-19	6.2	35	7.6	230	4300	.2	19	--	--	--
	76-05-19	5.5	32	5.5	240	4400	1.0	20	0	400	20
	76-05-19	--	--	--	--	--	--	--	--	40	<30
	76-06-16	5.7	33	6.0	240	4200	.5	21	2	0	10
	76-06-16	--	--	--	--	--	--	--	--	50	<50
395707109093101	75-11-12	12	62	7.5	67	2600	1.4	14	13	20	0
	76-06-24	--	--	--	--	--	--	--	--	30	<20
395707109093102	75-11-12	9.6	58	6.9	56	2200	1.2	13	24	0	10
	76-06-24	--	--	--	--	--	--	--	--	30	<10
395733109095401	75-11-14	12	65	7.5	62	2400	1.1	11	6	0	0
	76-06-24	11	61	6.0	57	2700	1.2	12	9	800	20
	76-06-24	--	--	--	--	--	--	--	--	40	<20
395751109094501	75-11-12	103	99	1.8	29	390	1.5	6.9	4	20	10
	76-06-24	126	100	1.6	25	370	1.2	6.7	2	100	20

STATION NUMBER	DATE OF SAMPLE	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	TOTAL CHRO-MIUM (CR) (UG/L) (01034)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)
395617109134401	76-06-26	<80	200	0	<60	--	<60	<12	100	<60	<60
395617109134402	75-11-13	<25	580	0	<10	--	0	0	50	0	40
	76-06-26	<35	370	0	<25	--	<25	<6	290	<25	40
395635109101501	75-11-13	<75	3200	1	10	--	2	3	600	0	30
	76-03-21	<100	3300	0	10	--	3	7	190	0	20
	76-06-30	<100	1300	0	<70	--	<70	<15	640	<70	<70
395651109140201	76-01-21	--	440	--	--	--	--	--	--	--	--
	76-04-19	--	1300	--	--	--	--	--	--	--	--
	76-05-19	--	440	0	--	70	0	3	20	0	2100
	76-05-19	<160	380	0	<100	--	<100	<25	<100	<100	3200
	76-06-16	--	250	4	--	140	3	11	40	9	2300
	76-06-16	<130	400	2	<100	--	<100	<25	160	<100	3200
395707109093101	75-11-12	<25	1200	0	<10	--	0	0	2300	0	60
	76-06-24	<120	1200	0	<85	--	<85	<17	800	<85	<90
395707109093102	75-11-12	<21	1900	0	10	--	3	0	4600	1	190
	76-06-24	<90	1100	0	<65	--	<65	<13	4000	<65	130
395733109095401	75-11-14	<75	1200	0	<10	--	0	0	410	1	50
	76-06-24	--	420	0	--	20	0	0	420	0	30
	76-06-24	<100	1100	0	<75	--	<75	<15	310	<75	<80
395751109094501	75-11-12	<9	680	0	<10	--	0	50	80	31	5
	76-06-24	--	1100	0	--	20	0	43	40	40	10

STATION NUMBER	DATE OF SAMPLE	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED ANTI-MONY (SB) (UG/L) (01095)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED CESIUM (CS) (UG/L) (01115)
395617109134401	76-06-26	<35	<60	<6	5400	<60	10	--	<60	90	--
395617109134402	75-11-13	4	2	0	950	.2	0	--	<25	0	--
	76-06-26	30	<25	<3	1200	<25	0	--	<25	50	--
395635109101501	75-11-13	62	16	0	4300	1.4	70	--	<80	10	--
	76-03-21	48	5	0	4400	1.4	260	--	<80	10	--
	76-06-30	130	<70	<7	3900	<70	80	--	<70	190	--
395651109140201	76-01-21	--	--	--	--	--	--	--	--	--	--
	76-04-19	--	--	--	--	--	--	--	--	--	--
	76-05-19	0	3	0	11000	5.2	4300	0	--	10	--
	76-05-19	<50	<100	<10	10000	<50	1800	--	<100	350	--
	76-06-16	5	5	0	5200	5.4	3400	1	--	20	--
	76-06-16	<45	<100	<10	10000	<100	6800	--	<100	90	--
395707109093101	75-11-12	8	2	0	6500	.5	20	--	<25	0	--
	76-06-24	130	<85	<9	6800	<85	10	--	<85	140	--
395707109093102	75-11-12	48	19	0	5700	1.0	60	--	<21	0	--
	76-06-24	180	<65	<7	5400	<65	30	--	<65	130	--
395733109095401	75-11-14	5	2	0	6300	.7	20	--	<80	20	--
	76-06-24	4	7	0	4500	1.2	20	0	--	20	--
	76-06-24	110	<75	<8	6100	<75	20	--	<75	110	--
395751109094501	75-11-12	26	7	0	160	1.5	20	--	<9	10	--
	76-06-24	15	0	0	100	.5	260	3	--	70	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESSED DATE 08/31/76

MULTIPLE STATION LISTING

STATION NUMBER	DATE OF SAMPLE	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	SUS-PENDED GROSS BETA AS CS-137 (PC/L) (03516)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L) (09511)	PHENOLS (UG/L) (32730)
395617109134401	76-06-26	<20	<120	350	--	<50	<120	--	--	--	--
395617109134402	75-11-13	<6	<30	230	0	<20	<50	--	--	--	--
	76-06-26	<10	<50	290	--	<20	<50	--	--	--	--
395635109101501	75-11-13	<20	<80	140	4	<50	<150	21	2.6	.16	--
	76-03-21	<30	<80	170	5	<50	<100	37	3.5	.29	4
	76-06-30	<30	<140	140	--	<60	<140	--	--	--	--
395651109140201	76-01-21	--	--	--	--	--	--	--	--	--	--
	76-04-19	--	--	--	--	--	--	--	--	--	--
	76-05-19	--	--	40	18	--	--	--	--	--	--
	76-05-19	<50	<200	40	--	<70	<150	--	--	--	--
	76-06-16	--	--	40	42	--	--	--	--	--	1
	76-06-16	<50	<130	40	--	<70	<200	--	--	--	--
395707109093101	75-11-12	<10	<40	270	0	<20	<50	86	.6	.21	--
	76-06-24	<40	<150	290	--	<70	<150	--	--	--	--
395707109093102	75-11-12	<10	<30	220	0	<20	<50	20	7.8	.10	--
	76-06-24	<30	<130	230	--	<50	<120	--	--	--	--
395733109095401	75-11-14	<20	<80	170	0	<50	<150	25	1.5	.36	--
	76-06-24	--	--	200	0	--	--	--	--	--	1
	76-06-24	<30	<150	190	--	<60	<130	--	--	--	--
395751109094501	75-11-12	<5	<10	320	0	<7	<20	18	.6	.04	--
	76-06-24	--	--	350	0	--	--	--	--	--	32

STATION NUMBER	DATE OF SAMPLE	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS-SOLVED MERCURY (HG) (UG/L) (71890)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL) (72000)
395617109134401	76-06-26	--	--	--	--	--	--	--	--	--	5040
395617109134402	75-11-13	1210	1240	--	1.65	.76	.00	.03	--	.0	5040
	76-06-26	--	--	--	--	--	--	--	--	--	5040
395635109101501	75-11-13	4460	4240	--	6.07	.00	--	.07	--	.0	5350
	76-03-21	4610	4170	99.6	6.27	.00	1.2	.03	.5	.1	5350
	76-06-30	--	--	--	--	--	--	--	--	--	5350
395651109140201	76-01-21	--	6680	--	9.08	--	--	--	--	--	4960
	76-04-19	--	6710	--	9.13	--	--	--	--	--	4960
	76-05-19	7120	6700	--	9.68	.12	27	1.2	--	.3	4960
	76-05-19	--	--	--	--	--	--	--	--	--	4960
	76-06-16	7140	6480	--	9.71	.08	24	1.2	.7	.3	4960
	76-06-16	--	--	--	--	--	--	--	--	--	4960
395707109093101	75-11-12	4530	4290	--	6.16	.82	--	.00	--	.0	5127
	76-06-24	--	--	--	--	--	--	--	--	--	5127
395707109093102	75-11-12	3940	3750	--	5.36	.10	.00	.03	--	.0	5127
	76-06-24	--	--	--	--	--	--	--	--	--	5127
395733109095401	75-11-14	4380	3970	--	5.96	.53	--	.03	--	.0	5280
	76-06-24	4500	4330	--	6.12	.49	.00	.03	.3	.0	5280
	76-06-24	--	--	--	--	--	--	--	--	--	5280
395751109094501	75-11-12	1390	1400	--	1.89	4.8	.00	.03	--	.0	5194
	76-06-24	1390	1380	--	1.89	2.6	.13	.07	.1	.2	5194

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 08/31/76

MULTIPLE STATION LISTING

STATION NUMBER	DATE OF SAMPLE	TOTAL DEPTH OF WELL (FT) (72008)	DIS-SOLVED URANIUM (DIRECT FLUORO-METRIC) (PC/L) (80010)	DIS-SOLVED URANIUM (U) (UG/L) (80020)	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	SUS-PENDED GROSS ALPHA AS U-NAT. (UG/L) (80040)	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)	SUS-PENDED GROSS BETA AS SR90 /Y90 (PC/L) (80060)
395617109134401	76-06-26	317	--	--	--	--	--	--
395617109134402	75-11-13	504	--	--	--	--	--	--
	76-06-26	504	--	--	--	--	--	--
395635109101501	75-11-13	400	20	--	58	<.4	19	2.4
	76-03-21	400	21	--	83	<.4	31	3.2
	76-06-30	400	--	--	--	--	--	--
395651109140201	76-01-21	27	--	--	--	--	--	--
	76-04-19	27	--	--	--	--	--	--
	76-05-19	27	--	--	--	--	--	--
	76-05-19	27	--	--	--	--	--	--
	76-06-16	27	--	--	--	--	--	--
	76-06-16	27	--	--	--	--	--	--
395707109093101	75-11-12	127	5.4	--	<56	<.4	77	.5
	76-06-24	127	--	--	--	--	--	--
395707109093102	75-11-12	100	21	--	<67	1.8	18	6.6
	76-06-24	100	--	--	--	--	--	--
395733109095401	75-11-14	488	13	--	<44	<.4	20	1.4
	76-06-24	488	--	--	--	--	--	--
	76-06-24	488	--	--	--	--	--	--
395751109094501	75-11-12	220	--	.20	<21	.8	14	.6
	76-06-24	220	--	--	--	--	--	--

III. AIR RESOURCES AND METEOROLOGY

A. Meteorology

Preliminary Submission

AIR QUALITY DATA

PROTOTYPE OIL SHALE LEASE TRACTS Ua AND Ub

1 MAY 1976 - 31 JULY 1976

Submitted 24 September 1976

AeroVironment Inc.
145 North Vista Avenue
Pasadena, California 91107

PREFACE

This volume is the eighth quarterly submission of data acquired during the air quality/meteorology/radiology portions of the environmental baseline monitoring program for oil shale tracts Ua and Ub. The quarter covered runs from 1 May 1976 through 31 July 1976.

This data is a preliminary submission and is subject to some editorial and technical changes. A final data submission will follow.

The data presented herein appears in two volumes:

Volume I - Meteorology

A. Data Tabulations for all sites, in order by site number

1. Wind Speed, WS, 10 m, 20 m, 30 m
2. Wind Direction, WD, 10 m, 20 m, 30 m
3. Temperature, T
4. Lapse Rate, ΔT, between 10-30 m
5. Root-mean-square variation in wind direction, $\sigma\theta$
6. Root-mean-square variation in vertical wind speed, σw
7. Solar Radiation, SR
8. Barometric Pressure, BP
9. Dewpoint, DPT
10. Relative Humidity, RH

B. Miscellaneous Data

1. Weather Log

Volume II - Air Quality

A. In order of site number.

1. Total Sulfur, TS
2. Hydrogen Sulfide, H_2S
3. Sulfur Dioxide, SO_2
4. Total Hydrocarbons, THC, expressed as $\mu g/m^3$ of CH_4
5. Methane, CH_4
6. Hydrocarbons (methane-reduced), HC = THC-CH_4, expressed as $\mu g/m^3$ of CH_4
7. Carbon Monoxide, CO
8. Nitrogen Oxides, NO_x, expressed as $\mu g/m^3$ of NO_2
9. Nitric Oxide, NO
10. Nitrogen Dioxide, $NO_2 = (NO_x - NO)$
11. Ozone
12. Scattering coefficient, b_s
13. Local Visual Range, L_v, derived from b_s
14. Coefficient of Haze, COH

B. Miscellaneous Data

1. High Volume Sampler, suspended particulates
2. Radiation measurements by the high pressure ion chamber (rotated among all 12 sites)
3. Radiation Survey
4. Radiation Dosage by Thermo-Luminescent Dosimetry
5. Gross Radiation of Particulates
6. Trace metals
7. Noise Survey (begins April 1975)

Not all sites measure all of these parameters.

The data tabulations contain average values for each day, and the peak hourly average for the day. Along the bottom, the average for each hour, averaged over the month, is compiled [1]. Air Quality data is given in $\mu g/m^3$ usually, with values for NO_x computed on the basis of the molecular weight of NO_2 and those for HC and THC based on the molecular weight for CH_4.

On the wind direction sheets, "PV" and "PREV" indicate prevailing wind direction divided into 16 sectors with a "1" indicating a prevailing direction between 348.5 and 11.0 degrees, a "2" corresponding to 11.5 to 34.0 degrees, and so forth, i.e., a "1" indicates wind from the 22.5° sector centered on N, a "2" indicates winds generally from the NNE, a "3" from the NE, etc.

Symbols used on the data sheets are:

CA - Calibration

MT - Maintenance (changing paper, tape, filters)

FO - Flame out (on the gas chromatographs)

IM - Instrument malfunction, not discovered until after data had been collected.

PF - Power Failure (generator failure)

RF - Recording system failure (chart jams, runs out, tape punch fails)

LI - Local Interference (car nearby, contamination by generator)

OS - Off scale (at top of chart, data presumed good)

SE - Special experiment (instrument off-line for bag sample analysis or removed for special measurements in area)

VA - Variable wind direction

OR - Out for repair (Instrument problem has been recognized and the instrument is no longer sampling while being repaired.) Effective as of November, 1975.

MONTHLY WIND DIRECTION SHEET KEY

Project location

Air quality site number. (see map for location)

Monthly period which the data covers.

Altitude of measurements (10 meters, 20 meters, or 30 meters)

Units are degrees of a circle 0 to 360 to the nearest 5 degrees.

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JANUARY,1976

AEROVIRONMENT INC.

Date that the data was printed.

PRELIMINARY DATA
AS OF 12 APR 76

Changes may still be made to th based on later inputs.

SUBJECT TO
REVISION

Beginning hour in Local Standard Time (never Daylight Savings Time). Thus the hourly average under hour "02" occurred during the period 0200 to 0300.

CLOCK HOUR (LOCAL STANDARD TIME)

Peak column is not used

Day of the month.

"VA" stands for variable, which in no definite prevailing wind directio

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	170	80	125	125	125	135	135	150	245	260	335	[VA]	335	15	350	10	10	165	170	165	210	170	185	16[illegible]	[VA]	
2	190	180	45	320	255	220	225	195	210	310	[illegible]	325	0	30	355	215	230	195	15	245	125	245	150	1[illegible]	1[illegible]	
3	165	205	120	95	345	160	70	70	180	[illegible]	50	15	15	40	10	260	25	160	140	195	55	30	240	[illegible]	3	
4	0	40	95	175	260	185	340	295	[illegible]	195	55	355	15	20	25	0	215	205	170	215	190	60	65	[illegible]	[VA]	
5	155	245	35	215	60	200	50	305	35	20	105	355	20	30	5	100	35	30	35	270	245	180	25	[illegible]	2	
6	200	15	215	130	210	220	145	[illegible]	245	240	[PF]	165	290	355	245	225	205	20	220	165	220	60	195	25	11	
7	260	200	55	155	125	180	[illegible]	135	85	[illegible]	110	35	315	20	15	55	310	205	300	190	125	100	335	155	7	
8	110	15	240	175	140	[illegible]	150	20	30	20	20	25	30	15	355	5	180	175	170	195	165	230	95	120	2	
9	340	175	165	170	120	20	165	65	180	30	40	10	25	35	5	30	300	10	200	340	65	135	1[illegible]	225	2	
10	350	70	25	180	20	270	80	250	120	90	15	5	225	275	250	210	195	215	60	190	180	290	1[illegible]	55	15	
11	270	195	230	[illegible]	180	220	260	[illegible]	300	[VA]	20	50	15	310	300	305	320	195	180	275	190	225	[illegible]	15	14	
12	15	245	[illegible]	265	165	220	335	255	255	5	20	70	275	25	60	275	240	240	250	270	275	25[illegible]	[illegible]	295	12	
13	260	[illegible]	280	260	235	250	[illegible]	165	130	40	30	35	40	15	340	330	[illegible]	175	210	195	[illegible]	150	[illegible]	90	10	
14	270	[illegible]	40	200	155	140	45	190	65	130	140	45	25	10	345	350	220	180	270	205	200	25	225	190	[VA]	
15	[illegible]	240	10	200	110	[illegible]	270	285	285	250	265	35	5	320	350	45	240	250	200	270	200	185	250	235	13	
[illegible]	255	215	155	95	160	210	255	165	340	240	20	30	25	30	30	290	35	185	55	210	180	6[illegible]	165	100	2	
17	195	165	35	170	55	140	210	90	95	105	55	10	5	0	260	5	190	190	195	175	170	[illegible]	155	165	9	
18	145	160	140	[illegible]	20	45	135	45	225	220	30	45	65	15	310	10	0	215	45	175	200	[illegible]	165	270	3	
19	160	130	10	205	195	195	205	50	175	60	20	0	5	0	350	345	260	210	185	175	240	95	165	155	10	
20	200	85	[illegible]	115	145	125	195	25	165	45	35	25	45	25	20	355	195	170	165	200	145	80	165	210	3	
21	15	180	90	65	170	95	165	145	85	155	355	30	30	50	25	235	205	180	165	165	170	150	160	175	[VA]	
22	160	[illegible]	150	125	145	120	150	110	150	100	15	20	25	25	30	255	225	170	200	190	175	190	155	90	8	
23	115	115	185	30	175	185	210	195	70	25	30	120	345	0	45	30	75	0	220	150	210	245	190	260	2	
24	[illegible]	185	250	175	65	255	50	195	295	290	45	5	5	40	350	295	250	205	225	260	[illegible]	245	240	185	12	
25	240	355	355	55	145	200	55	225	75	190	30	35	285	0	20	5	285	220	215	210	100	95	350	165	1	
[illegible]	175	180	115	155	195	155	160	165	235	50	345	355	355	300	245	260	10	0	175	265	135	100	205	85	8	
27	200	170	140	10	210	225	185	70	170	70	40	50	35	35	30	295	245	290	55	165	145	150	225	210	[VA]	
28	70	280	200	195	220	5	150	245	355	340	280	310	25	75	5	20	35	145	100	350	170	260	5	215	1	
29	0	205	285	0	130	270	270	210	300	330	340	45	10	355	20	350	45	175	185	170	165	210	290	190	[VA]	
30	105	155	75	170	185	305	60	165	20	250	20	325	15	345	20	325	190	230	95	[illegible]	75	85	110	200	4	
31	235	210	160	170	135	155	220	220	65	140	25	10	315	15	20	350	315	275	185	[illegible]	190	195	145	210	9	
PV	9	9	3	9	7	11	8	8	9	3	2	3	2	2	1	1	11	10	10	9	10	9	9	9	9	

"VA" stands for variable, which indicates no definite hourly average wind direction is possible.

Malfuncation code indicates reason for missing data (see abbreviation table).

Monthly prevailing wind direction is divided into 16 sectors. Sector "1" indicates a prevailing direction between 348.5 and 11.0 degrees (22.5 degree sector) centered on North, Sector "2" corresponds to 11.5 to 34.0 degrees, centered on the NNE, etc.

MONTHLY COMPONENT SHEET KEY

Project location

Air Quality site number (see map for locations)

Monthly period which the data covers.

Component

Units of Data

Beginning hour in Local Standard Time (never Daylight Savings Time). Thus the hourly average under "02" occurred during the period 0200 to 0300.

Day of the month.

Date that the data was printed.

Changes may still be made to data, based on later input.

Highest hourly average for each day.

Daily average of all hourly averages.

Letters indicate reasons for missing data (see abbreviation table).

Monthly averages of each hour.

Standard deviation of values from the averages.

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH
SITE A 2
DECEMBER,1975
AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 12 APR 76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.0	.1	.0	.0	.0	.1	.0	.1	.1	.2	.1	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.1	.0	.1	.2
2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.2	.2	.2	.2	.2	.1	.1	.1	.1	.0	.1	.0	.1	.2
3	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	(CA)	.0	.1	.0	.1	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.2
4	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	.1
5	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1
6	.1	.1	.1	.1	.0	.1	.0	.0	.0	.1	.1	(CA)	.1	.2	.1	.1	.0	.1	.1	.1	.0	.0	.0	.1	.1	.2
7	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0	.1	.0	.1
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1
9	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.1
10	.1	.1	.0	.1	.1	.1	.1	.1	.0	.1	.0	.1	.1	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1
11	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.1
12	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.1	.0	.1
13	.0	.0	.1	.1	.1	.0	.1	.1	.1	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1
14	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
15	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	(CA)	.1	.0	.1	.1	.0	.0	.1	.2	.0	.1	.1	.1	.4
16	.0	.1	.1	.0	.3	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.0	.1	.1	.1	.3
17	.1	.1	.0	.0	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.0	.1
18	.1	.1	.0	.1	.1	.0	.0	.1	.0	.1	.0	.1	.0	.0	(CA)	(CA)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	.1	.1
19	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(CA)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
20	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
21	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	.0	.0	.0	.2	.3	.1	.0	.0	.0	.0	.1	.3
22	.0	.3	.3	.4	.1	.1	.4	.4	.6	.3	.4	.4	.4	.3	.2	.3	.3	.3	.3	.4	.4	.3	.6	.4	.3	.6
23	.3	.4	.3	.2	.2	.2	.3	.3	.4	.3	.3	.3	.0	.3	.4	.3	.3	.4	.4	.3	.4	.4	.2	.3	.3	.4
24	.4	.4	.2	.4	.4	.1	.3	.6	.2	.4	.3	.0	.2	.4	.2	.3	.3	.3	.3	.1	.1	.3	.4	.4	.3	.4
25	.4	.4	.4	.4	.3	.2	.1	.3	.4	.4	.4	.4	.3	.2	.3	.3	.3	.3	.4	.4	.2	.3	.2	.1	.3	.4
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.1	.2	.0	.3	.4	.1	.0	.0	.0	.2	.1	.4
27	.1	.4	.4	.4	.3	.2	.4	.4	.3	.2	.4	.4	.0	.0	.3	.3	.3	.3	.2	.1	.3	.3	.3	.3	.3	.4
28	.3	.3	.3	.3	.4	.0	.4	.3	.3	.4	.4	.4	.4	.3	.3	.3	.3	.3	.2	.3	.3	.4	.1	.2	.3	.4
29	.3	.4	.3	.0	.3	.2	.6	.4	.4	.4	.4	.4	.3	.3	.0	.2	.1	.3	.1	.2	.2	.4	.4	.4	.3	.4
30	.4	.4	.4	.4	.3	.2	.4	.1	.0	.0	(CA)	.0	.1	.1	.0	.2	.2	.3	.1	.2	.2	.2	.3	.2	.2	.4
31	.0	.2	.3	.3	.1	.0	.0	.1	.3	.3	.2	.3	.3	.3	.0	.2	.3	.3	.2	.1	.1	.3	.2	.0	.2	.3
AV	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	( )
SD	.1	.2	.1	.2	.1	.1	.2	.1	.2	.2	.2	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	( )

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1.5	1.5	1.5	2.5	2.0	1.5	1.5	2.0	4.0	3.5	6.5	6.5	6.0	7.0	8.5	6.5	8.5	6.0	3.0	5.0	11.5	12.0	7.0	9.0	5.0	12.0
2	6.5	4.0	2.0	1.0	2.0	1.5	1.0	2.5	2.5	2.5	4.5	6.5	6.5	9.0	6.5	4.5	3.5	3.5	1.5	2.5	3.5	2.5	2.5	1.5	3.5	9.0
3	2.5	1.5	2.0	2.0	1.0	1.0	2.0	2.5	3.5	3.5	3.5	4.0	4.5	11.5	13.0	10.5	12.5	13.5	11.0	8.0	11.0	11.5	4.5	7.0	6.0	13.5
4	13.5	12.5	12.0	11.0	8.5	12.0	17.5	19.5	18.5	17.0	13.0	13.0	13.0	8.0	11.0	10.5	10.5	11.5	9.5	4.0	5.0	12.0	12.0	9.0	12.0	19.5
5	2.0	2.5	1.5	2.5	1.5	1.5	2.0	2.5	4.0	4.0	5.5	6.5	9.5	10.5	10.5	8.5	7.5	9.5	9.5	2.5	2.0	6.5	8.0	9.5	5.5	10.5
6	11.0	9.0	3.5	6.0	6.0	3.0	1.5	3.0	3.5	4.5	10.0	6.5	12.0	4.0	5.5	7.5	5.5	3.5	2.5	6.5	6.0	2.5	3.0	3.5	5.5	12.0
7	1.0	1.0	1.0	1.0	.5	.5	1.0	1.5	3.0	6.5	8.0	7.0	8.0	9.0	5.0	7.0	5.0	4.0	10.0	5.5	6.5	3.5	1.5	2.5	4.0	10.0
8	8.5	17.0	9.5	8.5	2.0	1.5	5.5	3.5	4.5	5.5	6.0	8.0	5.0	4.0	6.5	15.0	13.5	8.0	3.5	4.0	2.0	2.5	6.5	3.0	6.5	17.0
9	8.0	10.0	8.0	4.0	3.0	1.5	2.0	2.5	3.0	4.5	4.5	4.5	4.0	4.5	6.0	7.0	8.5	9.0	11.5	15.5	19.0	18.0	10.0	3.0	7.0	19.0
10	2.0	2.0	3.0	3.0	1.0	1.5	1.5	1.5	5.0	3.5	4.0	4.0	4.0	10.5	9.5	6.0	5.5	4.0	3.0	4.0	5.0	7.0	12.0	5.5	4.5	12.0
11	2.0	3.0	6.5	3.0	3.0	2.0	2.0	1.5	2.5	4.5	7.5	11.0	12.5	9.0	15.5	14.5	19.0	17.0	17.0	17.5	20.0	17.5	12.0	6.5	9.5	20.0
12	9.0	4.0	2.0	3.0	1.5	3.5	2.5	2.5	4.5	6.0	16.5	18.0	16.5	14.0	10.5	7.5	11.0	10.0	10.0	3.5	4.0	3.5	2.5	4.5	7.0	18.0
13	1.5	2.0	2.0	2.0	2.0	1.5	1.5	2.5	3.5	4.5	3.5	4.5	4.5	4.5	5.5	5.0	5.0	5.0	4.0	6.0	4.5	4.0	2.0	2.5	3.5	6.0
14	2.5	1.5	1.0	1.0	1.5	1.5	1.0	2.5	2.5	3.5	4.5	4.5	6.0	4.0	6.0	12.5	10.0	8.5	7.0	9.0	12.0	12.5	12.0	10.0	5.5	12.5
15	11.5	11.0	6.0	7.0	6.5	8.0	12.5	8.5	10.5	10.0	11.0	10.5	11.0	14.5	14.0	15.5	17.0	17.0	16.0	16.0	16.5	13.0	8.5	9.0	11.5	17.0
16	7.5	7.0	5.5	3.5	3.5	5.0	6.5	5.0	5.0	7.0	7.5	7.0	5.5	5.0	6.0	6.0	3.5	3.5	3.0	3.0	2.5	2.0	1.5	2.0	4.5	7.5
17	1.0	1.0	1.5	1.0	2.0	1.0	1.5	2.0	2.5	4.0	4.0	4.5	5.5	7.5	6.5	7.0	5.5	3.5	2.5	2.5	9.5	14.0	12.5	5.5	4.5	14.0
18	4.5	2.5	2.5	3.5	2.0	2.0	1.5	2.0	3.5	4.5	7.0	7.0	9.0	16.0	11.5	10.0	10.0	11.0	7.0	6.0	7.5	3.5	4.5	7.5	6.0	16.0
19	7.0	4.0	6.5	14.5	8.5	4.5	3.0	7.0	5.0	5.5	10.5	6.0	8.0	17.0	8.5	12.0	17.5	12.5	11.0	10.0	15.0	10.0	5.5	3.5	9.0	17.5
20	3.5	3.5	2.5	4.0	5.0	13.5	5.0	4.0	5.0	8.0	9.0	10.5	9.0	12.5	12.5	10.0	10.5	9.0	6.0	6.5	4.5	4.5	8.5	4.0	7.0	13.5
21	8.5	8.0	2.5	5.0	2.5	2.5	1.5	3.0	2.5	4.5	12.5	16.0	18.0	11.0	5.0	4.5	2.5	4.0	1.5	1.0	4.0	4.0	2.5	5.5	5.5	18.0
22	3.0	1.5	6.0	3.5	5.5	2.5	1.5	2.0	2.5	3.5	6.0	6.0	9.5	9.5	13.0	9.5	16.0	18.5	14.5	5.0	2.0	2.0	4.0	6.5	6.5	18.5
23	5.5	3.5	2.5	3.5	2.5	4.0	6.0	2.5	3.0	5.0	3.0	4.5	4.5	4.5	6.0	5.0	6.5	5.0	5.0	6.0	5.5	2.0	9.0	6.0	4.5	9.0
24	3.5	5.5	2.5	5.5	4.0	2.0	2.5	3.5	5.0	4.0	4.0	5.5	4.0	8.0	12.5	12.5	12.5	7.5	3.5	4.5	4.0	5.0	4.5	3.5	5.5	12.5
25	3.0	2.0	2.0	2.0	2.0	2.5	2.0	2.5	2.5	4.0	3.0	6.0	14.0	12.0	14.0	11.5	5.5	3.5	6.0	7.0	6.0	2.0	2.5	2.0	5.0	14.0
26	1.5	1.5	2.5	1.5	2.0	2.0	2.0	2.0	3.5	4.0	5.5	5.5	5.0	6.5	7.0	6.5	5.0	2.5	2.5	1.5	3.0	2.0	1.0	1.5	3.0	7.0
27	1.5	3.5	3.0	1.5	2.0	1.5	1.5	2.5	4.0	4.5	4.5	6.0	8.5	8.5	8.5	5.5	4.0	5.0	4.5	5.5	4.5	4.0	2.0	2.5	4.0	8.5
28	2.5	2.0	2.0	2.0	1.5	1.5	1.5	2.0	2.5	4.5	7.5	7.5	7.5	9.5	12.0	13.0	11.5	11.5	16.0	15.0	11.0	8.5	9.5	9.0	7.0	16.0
29	4.5	2.0	1.5	2.5	3.5	3.0	2.5	2.0	3.5	4.0	4.5	6.0	6.0	6.0	9.0	13.0	14.0	12.5	11.5	6.5	11.5	10.0	4.0	3.5	6.0	14.0
30	3.0	3.0	5.0	3.5	1.5	1.0	2.0	7.5	5.5	3.5	4.0	5.5	6.0	4.5	4.0	5.0	11.5	11.5	12.5	14.5	10.0	3.5	2.0	2.0	5.5	14.5
31	2.0	2.5	2.0	1.5	1.5	2.0	1.5	1.5	3.0	3.0	3.5	5.0	6.0	7.5	7.5	9.0	10.0	8.5	3.0	3.0	6.5	4.0	2.5	1.5	4.0	10.0
AV	4.5	4.5	3.5	3.5	3.0	3.0	3.0	3.5	4.5	5.0	6.5	7.0	8.0	8.5	9.0	9.0	9.5	8.5	7.5	6.5	7.5	7.0	6.0	5.0	6.0	[ ]
SD	3.4	3.8	2.6	3.0	2.1	3.0	3.5	3.4	3.0	2.6	3.3	3.3	3.7	3.6	3.2	3.3	4.4	4.4	4.7	4.5	4.9	4.8	3.8	2.7	2.1	[ ]

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.5	3.5	2.0	2.0	3.5	2.0	2.0	3.0	3.5	5.5	6.5	7.0	6.0	10.5	10.5	12.5	11.5	8.0	6.5	3.5	9.0	13.0	14.5	10.0	6.5	14.5
2	4.0	4.0	2.5	1.5	2.0	2.5	1.5	2.5	3.5	4.5	4.0	8.5	11.0	7.5	16.0	16.0	14.5	11.5	10.5	8.0	10.5	10.5	9.5	5.5	7.0	16.0
3	6.5	2.5	3.0	2.0	2.5	2.0	2.0	2.5	3.5	16.5	20.0	19.5	19.0	16.5	15.5	18.5	18.0	14.0	12.0	5.0	7.5	10.5	13.0	12.0	10.0	20.0
4	10.0	10.0	3.5	2.0	2.5	1.5	2.0	3.0	2.5	5.0	13.0	15.0	17.0	17.0	11.5	14.5	14.5	12.5	8.5	7.0	8.5	11.5	13.5	4.0	9.0	17.0
5	7.5	6.5	1.5	2.0	1.5	1.5	1.5	2.5	3.0	5.0	6.0	7.0	12.5	11.5	13.5	15.0	14.5	12.5	11.5	9.0	8.5	10.5	3.0	2.0	7.0	15.0
6	1.5	2.0	3.0	2.0	2.0	1.5	1.5	2.0	3.5	13.5	17.0	16.5	15.0	15.5	13.0	13.0	9.5	13.5	18.5	17.0	15.5	16.5	17.0	14.5	10.0	18.5
7	7.0	4.0	3.5	3.5	3.5	2.0	2.0	3.5	7.5	10.0	10.5	11.5	7.5	7.0	11.0	12.5	15.0	13.5	12.0	11.0	11.0	10.0	10.5	6.0	8.0	15.0
8	3.5	3.0	3.5	2.5	2.0	1.5	1.5	3.5	10.5	14.0	15.0	16.0	17.5	18.5	13.0	8.5	14.5	12.0	9.5	9.5	6.5	10.5	4.5	5.5	8.5	18.5
9	2.5	2.0	2.0	1.5	2.0	1.5	1.5	3.5	3.5	5.5	8.5	17.0	18.0	16.5	17.0	15.5	15.5	17.0	17.5	12.5	9.0	10.5	11.5	3.0	9.0	18.0
10	2.0	1.5	2.5	2.0	4.0	11.0	10.0	12.0	17.5	18.0	18.5	19.0	18.5	22.0	21.0	23.5	24.5	21.0	22.0	15.0	10.5	7.5	9.0	2.0	13.0	24.5
11	4.0	6.0	4.5	6.5	8.5	6.0	8.5	7.5	13.5	17.5	16.5	16.5	13.5	11.5	14.0	16.0	12.0	14.5	13.0	13.0	6.0	9.0	10.5	9.0	10.5	17.5
12	3.5	3.5	2.5	3.0	2.5	2.0	7.5	5.5	6.5	9.5	10.5	10.5	10.0	11.5	10.5	11.0	9.5	7.0	9.5	7.5	8.5	5.0	6.0	5.0	7.0	11.5
13	7.5	11.0	10.5	5.5	6.5	7.5	6.5	6.0	5.5	4.5	8.5	11.0	10.0	9.0	6.0	11.5	13.5	15.0	9.5	7.0	4.0	5.5	5.5	5.0	8.0	15.0
14	4.0	6.0	4.5	5.0	8.5	11.0	10.0	8.0	8.5	7.5	7.0	7.5	6.5	7.5	5.5	5.0	6.5	6.0	7.5	14.0	9.0	3.5	2.5	3.0	7.0	14.0
15	2.5	1.5	2.0	2.0	2.0	1.5	2.5	3.5	3.5	4.0	5.5	5.0	5.5	6.5	6.5	6.5	5.0	5.0	4.0	9.0	14.0	13.0	15.0	14.0	6.0	15.0
16	12.5	12.0	6.0	2.5	2.5	2.5	10.5	8.0	7.0	5.5	3.5	4.0	9.0	13.5	10.0	12.0	14.0	9.5	8.0	13.5	15.0	11.0	17.5	16.5	9.5	17.5
17	7.5	3.0	1.5	2.0	2.0	2.0	4.0	4.0	3.5	3.0	5.0	6.0	9.0	9.5	5.0	8.0	10.0	6.0	8.5	6.0	5.5	3.5	5.5	2.5	5.0	10.0
18	4.5	3.5	1.5	1.0	1.5	1.5	2.0	2.5	3.5	5.0	7.5	10.0	10.0	12.5	7.0	7.0	7.0	7.5	9.5	11.0	10.0	6.5	4.5	2.0	6.0	12.5
19	2.0	2.0	3.0	1.5	2.0	1.0	2.0	3.5	4.0	4.5	5.0	5.0	5.5	5.5	6.5	6.0	5.5	6.0	2.5	2.5	1.5	1.5	2.5	2.0	3.5	6.5
20	2.0	2.0	1.5	2.5	2.0	2.0	1.5	2.5	3.5	4.0	6.0	9.0	13.0	18.5	16.0	14.5	15.0	18.5	18.5	17.5	14.0	17.0	11.0	6.0	9.0	18.5
21	9.5	11.5	7.0	6.0	5.5	2.5	4.0	4.0	4.5	5.5	12.0	12.0	13.0	12.5	12.0	15.5	11.5	11.5	13.0	17.5	14.0	13.5	13.5	12.0	10.0	17.5
22	8.0	13.5	14.0	18.5	24.0	15.5	17.0	17.0	18.0	18.0	13.5	4.0	6.5	12.5	10.0	11.5	15.5	14.5	6.5	7.0	6.0	4.5	4.5	2.0	12.0	24.0
23	3.5	3.0	6.0	6.0	2.0	4.0	2.0	6.0	7.5	7.5	6.5	6.5	11.0	10.5	10.5	14.5	18.0	18.5	21.0	19.5	17.0	7.5	2.0	1.5	9.0	21.0
24	1.5	1.5	1.5	2.0	1.0	1.5	2.0	2.5	4.0	6.5	7.0	6.5	8.5	7.5	8.0	6.0	7.0	10.5	13.5	13.5	11.0	8.5	5.0	7.5	6.0	13.5
25	8.0	1.5	7.5	2.0	1.5	1.0	1.0	2.5	2.5	5.0	8.5	14.0	14.0	13.0	12.5	13.0	9.0	9.5	11.0	10.5	11.5	8.0	13.0	7.5	8.0	14.0
26	11.5	5.0	4.5	6.5	6.5	6.0	4.0	5.0	6.5	6.5	5.5	8.5	8.0	8.5	6.0	5.0	4.5	5.5	7.0	4.0	2.5	3.0	3.5	2.5	5.5	11.5
27	2.0	1.5	1.5	1.5	1.5	1.5	1.5	2.5	3.5	2.5	3.5	3.0	6.5	10.0	8.0	8.0	9.0	8.0	7.5	8.5	6.0	8.5	4.5	2.5	4.5	10.0
28	1.5	3.0	3.5	2.0	1.5	2.5	2.0	2.5	3.0	3.0	3.5	4.0	5.5	4.5	6.5	7.0	6.0	5.0	5.5	4.0	2.0	3.5	3.0	3.0	3.5	7.0
29	3.5	1.5	2.0	2.0	2.5	1.5	2.0	2.5	3.5	4.5	3.5	5.5	5.0	7.0	17.0	10.0	5.0	6.5	14.0	16.5	17.5	19.0	16.5	16.0	7.5	19.0
30	12.0	10.0	11.5	7.0	4.0	1.5	8.0	8.5	9.5	10.5	13.0	17.0	15.5	19.0	17.0	17.0	14.5	7.5	7.5	8.0	8.5	7.5	7.5	9.5	10.5	19.0
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	5.5	4.5	4.0	3.5	4.0	3.5	4.0	4.5	6.0	7.5	9.0	10.0	11.0	12.0	11.0	12.0	11.5	11.0	11.0	10.5	9.5	9.0	8.5	6.5	8.0	( )
SD	3.4	3.6	3.1	3.3	4.2	3.5	3.8	3.3	4.1	4.7	4.8	5.0	4.3	4.4	4.2	4.4	4.7	4.4	4.7	4.6	4.2	4.2	4.9	4.6	2.3	( )

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	13.0	12.5	9.5	6.0	4.5	4.0	5.0	10.0	11.5	7.5	6.5	8.0	9.5	7.0	8.5	9.5	10.0	10.5	7.5	6.0	8.5	8.5	4.5	3.0	8.0	13.0
2	3.0	6.5	8.0	4.5	3.5	6.5	7.5	5.0	3.0	4.5	7.0	8.0	8.0	6.5	11.0	12.5	11.0	9.5	5.5	4.5	9.5	11.0	6.5	4.0	7.0	12.5
3	6.5	3.0	3.0	2.5	4.0	3.0	1.5	3.5	4.0	3.5	4.0	5.5	6.0	7.0	9.0	7.5	6.5	4.0	5.5	3.5	6.5	7.0	5.0	2.0	4.5	9.0
4	1.5	1.5	2.0	1.5	2.5	2.0	1.0	2.0	3.5	3.0	4.5	6.0	7.0	10.5	8.0	10.5	10.0	9.0	6.5	4.0	5.5	4.0	4.5	3.5	5.0	10.5
5	2.5	3.0	2.5	1.5	1.5	1.5	1.5	2.5	3.0	3.5	4.5	5.5	4.5	7.0	10.0	7.5	7.5	8.5	7.5	3.0	4.0	5.5	3.0	3.0	4.5	10.0
6	5.0	2.0	4.5	4.0	1.5	1.5	2.0	2.5	2.5	4.0	3.5	5.0	5.5	5.5	4.5	6.5	5.5	9.0	8.0	8.5	5.0	9.5	4.5	5.5	5.0	9.5
7	7.5	7.5	6.5	5.5	2.5	2.0	1.5	2.0	3.5	4.5	8.5	9.5	13.0	14.5	14.5	12.0	10.5	15.0	19.5	11.5	13.5	10.0	18.0	19.0	9.5	19.5
8	10.5	3.5	4.5	3.5	2.5	3.0	2.5	4.0	3.5	4.5	5.5	7.0	9.0	11.5	7.0	9.0	6.5	7.0	3.0	6.5	12.0	10.0	8.5	10.0	6.5	12.0
9	8.5	12.0	5.5	10.0	10.0	9.5	5.5	4.5	9.0	5.0	8.0	7.0	7.5	8.5	13.5	8.5	6.5	5.5	3.5	6.5	9.0	11.0	8.5	17.0	8.5	17.0
10	13.0	11.5	4.5	7.5	5.0	2.0	3.5	4.0	4.5	5.5	5.5	6.5	7.0	5.5	10.5	14.5	14.5	10.0	4.5	4.5	10.0	10.0	7.5	4.5	7.5	14.5
11	4.5	4.5	3.0	2.5	2.0	2.0	1.5	2.0	3.5	4.0	5.5	3.5	5.5	5.5	6.0	13.5	7.5	8.5	15.0	6.5	6.5	8.5	5.5	9.5	5.5	15.0
12	8.5	10.5	15.5	17.5	14.5	5.5	8.5	8.5	7.5	6.0	6.5	4.5	12.5	9.5	11.0	9.5	15.0	11.5	10.5	8.5	5.5	4.0	5.0	5.0	9.0	17.5
13	3.5	2.5	4.5	2.0	2.0	1.5	3.0	4.0	4.0	3.5	4.5	5.0	7.5	8.5	8.5	8.5	7.5	6.0	4.5	2.5	3.0	3.5	4.5	3.0	4.5	8.5
14	8.0	4.0	2.0	2.0	1.5	1.5	2.0	2.0	3.5	5.0	4.5	6.5	6.5	9.0	13.0	8.5	9.0	8.5	7.0	4.0	3.5	5.5	8.0	6.0	5.5	13.0
15	6.5	2.5	2.0	2.0	1.5	2.5	2.0	3.5	4.0	4.0	5.5	6.0	8.0	6.5	8.0	7.0	5.0	5.5	3.5	2.0	2.0	2.0	2.5	3.0	4.0	8.0
16	4.0	2.0	1.5	1.5	2.0	1.5	1.0	3.0	1.5	3.5	3.5	5.0	5.5	9.0	5.5	9.0	8.5	5.5	7.0	4.5	2.5	11.0	11.5	12.0	5.0	12.0
17	6.0	4.0	3.5	4.0	2.5	3.0	1.5	4.0	8.0	8.5	6.5	8.0	6.0	6.5	10.5	10.0	11.0	10.0	18.5	10.5	7.5	10.0	5.5	3.0	7.0	18.5
18	6.5	7.5	8.0	4.0	3.0	4.0	2.0	2.0	3.5	3.0	6.5	7.5	4.5	9.5	13.0	11.0	11.5	8.0	3.5	7.5	11.5	8.5	2.5	3.0	6.5	13.0
19	3.5	4.0	3.5	2.0	1.5	1.5	2.5	2.0	2.5	4.0	6.0	6.0	7.0	8.0	14.5	17.0	9.5	9.5	17.0	21.0	18.5	11.5	13.5	13.5	8.5	21.0
20	8.0	5.0	4.0	5.5	2.5	4.0	3.0	3.5	3.5	2.5	3.5	4.0	5.0	5.0	7.5	17.5	11.5	7.0	6.0	7.5	6.0	6.0	2.0	2.0	5.5	17.5
21	2.5	2.0	2.0	2.0	2.0	2.5	1.5	3.5	2.5	3.5	5.0	5.0	6.0	7.5	7.0	8.5	13.0	8.5	7.0	2.5	4.0	3.5	3.5	8.0	4.5	13.0
22	2.5	2.0	2.0	2.0	2.0	2.0	1.5	2.5	2.5	3.5	4.0	5.0	7.0	6.0	8.5	8.5	9.0	9.0	9.5	7.5	3.5	2.5	1.5	2.5	4.5	9.5
23	7.5	3.5	2.0	2.0	2.0	1.5	2.5	2.0	3.0	5.0	5.0	5.0	7.5	8.5	9.5	7.5	7.5	9.0	3.5	3.0	6.0	13.0	16.0	12.0	6.0	16.0
24	4.0	3.5	2.0	2.0	2.0	2.5	2.5	2.5	5.0	5.0	6.0	7.5	9.0	7.5	5.0	7.5	17.0	14.0	8.5	9.5	11.0	9.5	9.5	13.0	7.0	17.0
25	16.0	14.0	12.0	13.0	9.5	9.0	9.5	14.5	8.5	7.5	3.0	5.0	10.0	18.5	13.0	12.5	12.0	12.5	8.5	4.0	4.0	2.5	4.0	1.5	9.5	18.5
26	3.5	3.0	2.0	1.5	1.5	2.0	2.5	2.0	2.0	3.5	4.0	5.0	7.5	8.0	10.5	13.0	8.0	7.5	7.5	6.5	9.5	13.0	13.0	13.5	6.5	13.5
27	12.0	11.0	9.0	11.5	9.0	2.5	2.5	3.5	4.0	5.0	6.0	8.5	8.0	6.0	7.5	7.5	8.5	9.5	8.5	2.5	3.5	2.5	2.5	2.5	6.5	12.0
28	3.5	3.5	2.0	1.5	1.5	1.5	2.0	3.5	2.5	3.5	4.0	7.5	5.5	11.5	19.0	15.5	8.0	4.0	5.5	7.0	2.5	3.5	2.5	1.5	5.0	19.0
29	5.0	2.5	2.0	2.0	2.0	2.0	1.5	2.5	3.0	4.0	7.5	6.0	8.0	13.0	10.0	13.5	11.5	11.5	8.0	5.0	2.0	3.5	5.5	7.5	6.0	13.5
30	8.5	7.5	3.0	7.5	2.5	2.5	3.5	6.0	5.0	3.5	5.0	5.0	7.0	5.0	7.5	8.0	11.5	9.5	13.0	8.5	8.5	6.0	9.5	5.5	6.5	13.0
31	2.5	7.5	11.0	7.5	3.5	3.5	2.5	2.5	5.0	5.0	7.5	7.5	8.5	8.0	8.0	8.5	8.0	13.0	8.0	16.5	17.0	7.5	6.0	5.0	7.5	17.0
AV	6.5	5.5	4.5	4.5	3.5	3.0	3.0	4.0	4.5	4.5	5.5	6.0	7.5	8.5	9.5	10.5	9.5	9.0	8.0	6.5	7.0	7.0	6.5	6.5	6.5	[ ]
SD	3.6	3.6	3.5	3.9	3.0	2.0	2.1	2.7	2.3	1.4	1.4	1.4	2.0	2.9	3.2	3.0	2.8	2.6	4.3	4.1	4.2	3.4	4.1	4.8	1.5	[ ]

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 20M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1.0	2.0	1.5	1.0	1.5	1.0	1.5	1.5	4.0	4.0	5.5	5.0	6.5	7.0	7.0	7.0	4.5	6.5	3.5	5.5	12.5	13.5	8.5	10.5	5.5	13.5
2	7.5	5.0	1.5	1.0	1.5	1.5	1.0	2.5	2.5	2.5	3.5	6.0	6.5	9.5	6.5	4.0	3.5	3.5	1.5	3.0	2.0	2.0	2.5	1.5	3.5	9.5
3	1.5	2.0	1.5	1.0	1.5	1.5	2.0	2.0	3.0	3.5	3.5	4.0	4.5	12.0	13.5	11.0	12.5	13.5	11.5	8.5	12.0	13.0	5.5	7.5	6.5	13.5
4	14.5	13.5	13.0	12.0	10.0	13.5	18.0	20.5	19.0	15.0	14.0	14.0	13.5	7.0	12.5	11.0	11.0	12.0	10.0	4.5	5.5	13.5	13.0	9.5	12.5	20.5
5	3.0	3.0	2.0	2.0	2.0	1.0	2.0	2.5	3.5	4.0	5.5	6.5	10.0	10.5	10.5	9.0	8.0	10.0	10.0	3.0	2.0	6.5	9.5	9.5	5.5	10.5
6	11.5	9.5	4.0	7.0	6.5	3.5	2.0	2.0	4.0	5.0	10.0	6.5	12.5	3.5	5.0	7.0	5.0	2.5	1.5	7.5	7.0	3.5	3.5	3.5	5.5	12.5
7	1.0	2.5	1.0	1.0	1.0	1.0	1.5	2.0	2.5	5.0	6.5	6.5	6.0	7.0	3.5	6.5	5.5	4.5	10.0	6.5	7.5	5.5	2.0	3.0	4.0	10.0
8	9.0	18.0	11.0	9.5	3.0	1.5	7.0	4.0	3.5	5.5	6.5	8.5	5.5	4.5	7.0	15.5	13.5	9.0	4.5	4.5	4.0	2.5	8.0	4.0	7.0	18.0
9	9.5	10.5	9.0	5.5	3.5	2.0	2.5	1.5	3.0	4.5	4.0	4.5	3.5	4.0	6.0	7.5	9.0	9.0	12.5	16.5	20.0	18.5	10.5	3.0	7.5	20.0
10	1.5	1.5	1.5	3.0	1.0	2.0	1.0	1.5	5.0	3.5	4.0	3.5	4.0	11.0	10.0	6.5	5.5	4.0	3.5	3.5	5.5	7.5	12.5	6.5	4.5	12.5
11	3.0	4.0	9.0	3.5	3.5	2.0	2.5	2.0	2.0	4.5	8.5	12.5	13.0	10.5	15.5	15.5	17.0	17.0	18.0	18.5	21.5	18.5	13.0	7.5	10.0	21.5
12	10.0	4.0	1.5	3.0	1.0	3.5	2.0	2.5	4.0	5.5	15.0	17.0	15.5	12.0	9.0	6.5	10.0	9.0	10.0	4.0	4.5	4.0	2.5	3.5	6.5	17.0
13	1.5	2.0	1.5	2.5	1.5	1.0	1.0	2.0	3.0	4.0	3.0	3.5	4.0	4.5	5.0	5.0	4.0	5.0	4.5	7.0	5.0	4.5	3.0	4.0	3.5	7.0
14	4.5	2.5	2.0	1.0	1.0	1.0	1.0	2.0	2.5	4.0	4.0	4.0	5.5	4.5	6.5	12.0	10.5	10.0	7.5	10.5	13.0	14.0	13.0	11.0	6.0	14.0
15	12.0	11.5	7.0	8.5	7.5	8.0	11.0	7.0	7.5	7.0	8.5	8.5	8.0	10.5	12.0	14.0	16.0	16.0	15.5	15.5	16.5	13.0	7.5	8.5	10.5	16.5
16	7.0	7.0	6.0	4.5	3.5	6.0	5.0	5.0	4.5	6.0	7.0	6.0	5.0	4.5	6.0	5.5	4.0	3.5	3.0	2.5	1.5	1.0	2.5	1.5	4.5	7.0
17	2.0	2.0	1.0	2.0	1.0	1.5	1.0	2.0	3.0	4.0	3.5	4.0	5.5	7.5	6.0	7.0	5.0	3.0	2.5	2.5	10.5	14.5	13.5	7.0	4.5	14.5
18	6.0	2.0	1.5	2.5	2.0	1.5	1.5	1.5	3.0	4.0	6.5	7.0	9.5	16.5	12.0	10.5	10.5	11.5	8.5	7.0	8.5	4.5	5.0	8.5	6.5	16.5
19	8.0	4.5	7.5	15.0	9.5	5.0	4.0	8.0	6.0	6.0	10.5	5.5	8.5	16.5	8.0	13.0	18.0	14.0	12.5	11.5	16.0	11.5	5.5	4.0	9.5	18.0
20	4.0	3.5	2.5	4.0	6.5	15.0	6.0	4.0	5.5	8.5	8.0	10.5	9.0	12.5	12.5	11.0	10.5	9.5	6.5	7.5	5.5	6.0	10.0	5.5	7.5	15.0
21	10.0	9.0	3.0	6.0	3.0	3.0	1.0	2.5	2.5	4.5	12.5	16.5	19.0	12.0	5.5	3.5	2.5	4.0	1.5	1.5	5.0	4.5	3.5	6.0	6.0	19.0
22	3.5	1.5	7.5	5.5	6.0	2.5	1.5	1.5	2.0	3.5	6.0	7.0	9.5	9.5	12.5	8.5	16.0	19.0	14.5	6.0	1.5	2.0	4.5	8.0	6.5	19.0
23	8.5	4.5	2.5	5.0	3.0	4.0	6.0	3.0	3.5	4.5	3.0	4.0	4.5	4.5	6.0	5.0	5.5	4.5	4.5	6.5	7.0	2.5	9.5	5.5	5.0	9.5
24	4.5	6.0	3.0	6.0	3.5	2.0	2.5	3.5	5.0	4.0	4.5	5.5	4.0	8.5	13.0	13.0	13.5	8.0	4.0	4.5	4.5	5.0	5.5	4.0	5.5	13.5
25	3.5	2.0	2.5	1.5	2.0	2.0	2.0	2.0	2.0	4.5	3.0	6.5	14.0	12.5	14.5	11.5	6.0	4.0	6.5	8.0	7.5	2.5	4.0	2.5	5.5	14.5
26	1.5	2.0	3.0	3.0	1.5	2.0	2.0	2.0	4.0	4.0	5.0	5.0	4.5	5.5	6.5	6.0	5.0	2.5	2.5	1.5	3.0	2.5	2.0	1.5	3.5	6.5
27	2.5	3.0	3.0	1.5	1.5	1.5	2.0	2.0	3.5	4.5	4.0	5.5	8.5	8.5	9.0	5.5	4.0	5.5	5.5	6.0	5.5	5.0	3.0	4.0	4.5	9.0
28	2.5	2.5	1.0	2.0	1.5	1.5	2.0	1.5	2.5	5.0	7.5	6.5	7.0	10.5	12.5	14.0	12.5	12.5	16.5	15.5	12.0	10.0	10.5	9.5	7.5	16.5
29	6.0	2.0	1.5	3.5	4.0	5.0	3.0	2.0	3.5	3.5	4.5	5.5	6.0	6.0	9.5	13.0	14.0	12.5	11.5	7.0	12.0	10.5	4.5	3.5	6.5	14.0
30	3.0	3.0	5.5	4.5	2.0	1.0	1.5	7.5	4.5	3.0	4.5	5.0	6.0	4.5	4.5	5.5	11.0	12.5	13.5	16.0	12.0	4.0	1.5	3.5	6.0	16.0
31	2.0	2.5	2.0	1.5	2.0	1.0	1.5	2.0	2.5	3.0	3.0	4.5	6.0	7.5	6.5	9.5	11.0	8.5	3.5	3.0	7.0	5.5	3.0	2.0	4.0	11.0
AV	5.5	5.0	4.0	4.0	3.0	3.0	3.0	3.5	4.0	5.0	6.5	7.0	8.0	8.5	9.0	9.0	9.5	8.5	8.0	7.5	8.5	7.5	6.5	5.5	6.0	[ ]
SD	3.7	4.0	3.2	3.3	2.5	3.3	3.5	3.6	3.0	2.2	3.2	3.5	3.8	3.5	3.3	3.5	4.4	4.5	4.8	4.7	5.2	5.1	3.9	2.8	2.1	[ ]

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 20M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3.0	3.0	2.0	2.5	4.0	2.0	1.5	2.5	3.0	5.0	6.0	6.5	6.0	11.5	11.5	13.0	12.5	9.0	6.5	5.0	9.5	14.5	16.5	12.0	7.0	16.5
2	6.5	5.5	2.0	1.5	1.0	2.0	2.0	2.0	3.0	4.5	4.0	8.5	10.5	7.5	17.0	16.0	15.0	12.0	11.0	8.5	11.0	11.5	10.5	7.0	7.5	17.0
3	8.0	2.5	3.0	2.0	2.5	2.0	2.0	2.0	4.0	17.0	20.5	20.0	19.5	17.0	15.5	19.0	18.5	15.0	12.0	7.0	9.0	11.5	15.0	14.0	11.0	20.5
4	11.5	11.5	3.5	2.0	1.5	1.5	2.0	2.0	3.0	4.5	12.5	17.0	17.0	18.0	12.5	15.0	14.0	12.5	9.5	8.5	10.0	12.0	15.5	5.0	9.5	18.0
5	7.5	6.0	1.0	1.5	1.0	1.0	1.0	2.5	3.0	5.0	5.5	7.0	11.0	13.5	13.0	15.0	15.0	13.5	13.0	10.0	9.5	11.5	5.5	3.0	7.5	15.0
6	1.5	2.0	3.5	2.5	2.5	2.0	1.5	1.5	3.0	14.5	17.0	17.0	15.5	16.0	13.5	13.5	10.5	14.5	20.0	18.0	16.5	18.0	17.5	16.0	11.0	20.0
7	8.5	5.0	3.0	3.0	4.0	1.5	2.0	2.5	8.0	10.5	11.0	12.0	7.5	8.0	11.5	12.5	15.0	14.0	13.0	12.0	13.0	11.5	12.0	7.5	8.5	15.0
8	4.5	4.0	3.0	2.5	2.5	2.0	1.5	2.5	11.0	14.5	15.5	16.5	18.5	19.5	13.5	9.5	15.0	13.0	10.0	10.5	7.5	11.5	4.5	6.5	9.0	19.5
9	4.5	4.0	2.0	2.0	2.0	1.5	1.5	3.0	3.0	5.5	8.5	18.0	18.0	16.5	17.0	16.0	16.5	18.0	18.0	12.0	9.5	11.5	12.5	3.5	9.5	18.0
10	1.5	2.0	2.5	1.5	6.0	12.0	10.5	12.5	18.0	18.5	19.5	19.5	19.5	22.5	22.0	34.0	40.0	21.5	22.5	15.0	11.0	8.0	8.5	2.0	14.5	40.0
11	4.0	6.5	4.0	7.0	10.0	6.5	7.5	7.5	14.0	17.5	17.0	17.0	14.5	11.0	15.0	16.5	13.0	14.5	13.0	14.0	7.0	9.5	11.0	10.0	11.0	17.5
12	4.5	4.0	3.0	3.0	3.5	2.5	8.5	5.5	6.5	9.5	10.5	11.0	10.5	12.0	11.5	11.0	10.0	8.0	10.0	8.5	10.0	5.0	6.0	5.5	7.5	12.0
13	9.0	12.5	11.0	6.5	7.0	8.0	6.5	6.5	4.5	3.5	9.0	11.5	10.0	9.0	6.5	12.0	13.5	14.5	10.0	7.5	4.5	5.5	6.0	4.0	8.5	14.5
14	4.0	6.0	5.0	5.5	9.5	12.0	10.5	8.0	9.5	8.0	7.0	8.0	7.5	8.0	5.5	5.5	6.5	6.0	6.0	10.0	7.0	3.0	1.5	2.5	7.0	12.0
15	1.5	1.5	2.5	1.5	1.5	1.0	2.0	3.0	3.5	3.5	5.0	5.0	5.5	6.5	6.5	7.0	4.5	4.0	3.5	10.0	15.0	14.0	16.5	15.0	6.0	16.5
16	13.5	13.5	7.0	4.0	3.5	4.0	12.0	9.0	8.0	5.0	4.0	4.0	9.0	14.0	10.0	12.0	14.5	10.5	9.0	14.0	15.0	11.5	18.5	17.0	10.0	18.5
17	7.5	3.5	1.0	1.0	1.5	1.0	2.0	4.0	4.0	3.0	4.5	5.5	9.0	9.0	4.5	7.5	10.0	6.5	9.0	7.0	5.5	3.5	5.0	3.0	5.0	10.0
18	5.5	2.5	1.5	1.5	1.0	1.5	1.5	2.5	4.0	5.5	8.0	10.0	10.5	12.0	6.5	7.0	7.0	6.5	7.0	10.5	9.5	6.5	5.5	3.0	5.5	12.0
19	2.0	2.5	3.0	2.0	1.0	1.0	1.5	3.5	4.5	4.5	4.0	4.5	6.0	5.5	6.5	6.0	4.5	5.5	2.5	2.5	2.0	2.5	1.0	1.5	3.5	6.5
20	1.0	.5	1.5	1.0	1.5	1.5	1.0	2.5	3.0	5.0	5.0	14.0	13.0	19.0	16.5	14.0	14.0	18.5	19.0	18.0	15.0	17.5	11.5	9.5	9.5	19.0
21	11.0	14.0	8.0	7.5	5.5	5.0	5.0	3.5	4.0	5.0	13.0	14.0	14.0	14.0	13.0	16.0	13.0	12.5	13.5	18.0	14.0	14.5	14.5	13.5	11.0	18.0
22	9.5	15.0	15.0	20.0	36.5	16.5	17.5	18.0	19.0	18.5	14.0	4.0	6.5	13.5	10.0	12.0	16.0	14.5	6.0	9.0	8.5	6.5	5.5	2.5	13.0	36.5
23	3.0	3.5	6.5	7.0	2.5	5.5	1.5	7.0	7.5	7.5	7.0	7.0	11.5	10.5	11.0	15.0	18.0	19.0	21.0	19.0	16.0	8.5	3.5	2.0	9.0	21.0
24	2.0	2.5	1.5	3.0	2.0	2.0	2.0	2.5	4.0	7.0	7.0	6.5	9.0	8.0	8.0	6.0	6.5	11.0	13.0	14.0	11.0	9.0	6.0	8.5	6.5	14.0
25	9.0	2.0	7.0	2.0	1.0	1.5	1.0	2.0	2.0	5.0	8.0	14.0	15.0	14.0	13.0	13.5	9.5	10.0	11.5	11.5	13.0	9.0	15.0	8.5	8.5	15.0
26	12.0	6.5	6.0	7.0	7.5	6.5	5.0	4.0	6.5	6.5	5.5	8.0	8.0	8.5	6.0	5.0	4.5	5.0	7.0	5.0	3.0	4.5	4.5	2.5	6.0	12.0
27	2.5	1.0	2.0	1.5	2.0	2.0	1.5	2.5	3.0	3.0	3.0	3.0	6.5	10.5	8.5	8.0	9.5	9.0	7.5	9.0	6.0	9.0	5.0	2.0	5.0	10.5
28	1.5	2.5	3.0	2.0	2.5	2.5	1.5	2.0	3.0	3.0	3.5	3.5	5.0	4.0	6.0	6.5	6.0	5.0	4.0	5.5	1.5	3.5	2.5	2.5	3.5	6.5
29	3.5	1.5	1.5	2.0	2.0	2.0	1.5	2.0	3.0	4.0	3.5	5.0	5.0	7.0	16.5	10.0	5.0	6.0	14.5	17.0	19.0	20.0	17.0	17.0	7.5	20.0
30	13.0	11.0	12.5	7.5	4.5	3.0	9.0	9.0	10.0	12.0	12.0	17.0	17.0	18.5	17.0	17.0	13.5	7.0	7.5	9.0	8.0	9.0	7.0	11.5	11.0	18.5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	6.0	5.5	4.5	4.0	4.5	4.0	4.0	4.5	6.0	8.0	9.0	10.5	11.0	12.0	11.5	12.5	12.5	11.0	11.0	11.0	10.0	10.0	9.5	7.5	8.5	[ ]
SD	3.8	4.2	3.4	3.7	6.4	3.8	4.1	3.7	4.4	5.0	5.0	5.3	4.6	4.6	4.3	5.6	6.6	4.6	5.1	4.3	4.3	4.5	5.3	5.0	2.6	[ ]

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 20M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	13.0	13.5	10.0	6.5	2.5	2.0	5.5	10.5	11.0	13.0	7.0	7.5	9.0	5.5	9.0	10.0	10.5	11.0	6.0	7.0	8.5	8.5	4.5	4.5	8.5	13.5
2	1.5	6.0	7.0	4.5	3.5	6.0	8.0	4.5	2.5	4.0	7.0	8.5	8.0	6.0	12.5	14.5	11.5	13.5	6.0	5.0	9.5	12.0	6.5	5.0	7.0	14.5
3	5.5	3.5	4.5	3.5	5.0	3.0	1.0	3.0	4.0	2.0	3.0	4.0	5.5	6.0	8.5	7.0	5.0	3.5	5.0	3.5	6.5	6.5	4.0	1.5	4.5	8.5
4	2.0	1.0	1.0	1.5	2.5	2.0	1.0	2.0	3.0	2.5	3.5	1.0	7.5	10.0	8.0	11.0	11.0	8.5	6.5	3.5	6.0	4.5	5.5	3.5	4.5	11.0
5	3.0	3.5	2.0	2.0	2.0	2.0	1.5	2.0	3.0	3.5	5.0	5.0	5.0	6.0	10.0	7.0	6.5	7.5	6.0	4.0	5.0	5.5	3.5	3.5	4.5	10.0
6	5.0	2.0	4.5	5.0	2.0	1.5	1.5	1.5	2.0	4.0	3.0	4.0	5.0	5.0	4.0	6.5	5.0	8.5	7.5	9.5	5.0	8.5	6.5	6.5	4.5	9.5
7	6.5	6.5	6.5	5.5	1.5	1.5	1.5	1.0	3.0	4.5	10.5	9.0	14.0	15.0	16.0	12.0	11.0	15.0	20.0	12.0	13.0	11.0	19.5	19.5	10.0	20.0
8	11.0	5.0	3.0	2.5	2.5	2.0	2.0	3.0	3.0	4.0	5.0	6.0	8.5	10.5	5.5	8.0	7.0	6.5	2.5	6.5	13.0	13.0	9.0	10.0	6.0	13.0
9	8.5	12.5	6.0	10.5	14.0	9.0	6.0	4.5	9.5	5.0	7.5	6.5	7.0	8.0	14.0	9.0	5.5	5.5	3.0	7.0	10.0	12.0	8.5	17.0	8.5	17.0
10	13.0	11.0	4.0	7.5	5.0	2.5	3.0	3.0	4.0	5.0	5.5	6.0	6.5	5.5	12.0	14.5	13.5	9.5	5.0	4.5	11.5	10.0	8.5	5.5	7.5	14.5
11	4.5	4.5	2.5	1.0	2.0	2.0	1.5	1.5	4.0	4.5	5.0	4.5	6.0	5.0	6.5	14.0	8.0	7.5	15.5	7.0	6.0	9.5	6.5	11.0	6.0	15.5
12	9.5	12.0	16.5	18.5	15.5	6.0	9.5	9.5	7.5	6.0	7.5	4.5	13.0	9.5	12.0	10.5	15.5	12.5	11.5	8.0	6.5	3.5	6.5	4.5	10.0	18.5
13	4.0	4.0	5.5	1.5	2.0	2.0	3.5	4.0	3.5	3.5	4.5	5.0	7.5	9.0	8.0	9.0	8.5	6.5	4.5	2.0	1.5	4.5	6.5	3.0	4.5	9.0
14	8.5	3.5	2.0	2.0	2.0	2.0	1.5	2.0	3.5	4.5	4.0	6.5	5.5	9.5	13.0	9.0	8.5	8.0	7.5	4.5	4.0	6.5	9.0	6.5	5.5	13.0
15	8.0	2.0	1.5	1.5	2.0	2.0	2.0	2.5	3.5	4.5	5.5	5.5	7.5	6.0	7.0	7.5	5.5	4.5	4.5	2.0	3.5	1.5	3.0	3.5	4.0	8.0
16	2.5	2.0	2.0	1.5	1.5	1.5	1.0	1.0	1.5	2.5	4.0	6.0	5.5	9.0	6.5	8.5	8.0	5.5	5.5	3.5	1.5	13.0	11.5	13.0	5.0	13.0
17	7.0	5.0	4.0	4.5	3.5	4.0	2.5	5.5	9.0	8.5	7.5	7.5	6.5	6.5	10.0	9.5	10.0	10.5	19.0	11.0	7.5	10.0	6.0	4.5	7.5	19.0
18	6.5	8.0	9.0	3.0	1.5	2.5	2.5	1.5	3.5	3.0	6.0	5.5	5.0	10.5	13.0	11.0	11.0	7.5	5.0	8.0	13.0	8.0	2.0	4.0	6.5	13.0
19	5.0	6.0	5.0	2.0	1.0	3.0	2.0	2.0	2.5	3.5	6.0	6.0	5.5	5.5	14.0	17.5	9.0	10.0	10.5	20.5	18.5	12.5	13.5	15.0	8.5	20.5
20	9.5	5.5	5.0	6.0	2.5	4.0	3.5	4.5	3.5	2.5	3.0	5.5	6.0	5.5	6.0	19.0	11.5	5.5	6.0	7.5	7.0	7.0	2.0	1.0	6.0	19.0
21	3.5	1.5	1.0	2.0	1.5	2.5	1.5	2.5	2.5	4.0	5.0	5.5	6.5	7.0	6.5	9.0	12.0	7.5	7.0	5.0	6.0	5.0	5.0	8.0	5.0	12.0
22	5.5	3.0	1.0	1.5	1.0	1.0	1.0	2.5	2.5	4.0	4.5	6.0	6.0	5.5	6.0	7.0	7.0	6.5	9.0	8.5	3.5	5.0	1.5	3.5	4.5	9.0
23	9.0	2.5	1.0	1.5	1.0	1.0	1.5	1.5	2.5	5.0	5.5	5.5	6.0	7.5	7.5	6.0	6.0	7.0	4.5	5.5	6.5	15.0	17.0	12.0	6.0	17.0
24	3.0	4.5	1.5	2.5	2.0	2.5	2.5	1.5	5.0	5.0	6.0	7.0	8.0	7.0	4.5	7.0	19.0	14.0	10.5	11.5	12.0	10.5	10.5	14.0	7.0	19.0
25	17.0	16.5	12.5	13.5	12.0	10.5	8.5	13.5	9.0	7.0	3.0	5.0	9.0	18.5	12.5	13.0	12.0	18.0	7.5	5.0	5.0	2.5	5.0	1.5	10.0	18.5
26	3.5	2.5	1.5	1.5	1.5	1.5	2.5	1.5	1.5	3.0	5.0	5.5	6.0	7.0	10.5	12.5	7.0	6.5	5.0	6.5	10.5	13.5	13.5	14.0	6.0	14.0
27	12.0	12.5	9.5	11.5	10.5	2.5	1.5	3.5	5.0	5.5	5.5	7.5	7.0	6.0	7.0	7.0	7.5	11.5	9.0	4.5	4.5	2.5	3.0	2.5	6.5	12.5
28	4.5	2.5	1.0	1.5	1.0	1.5	1.5	3.0	2.5	3.0	3.0	6.0	7.5	11.0	17.0	15.5	8.5	5.0	6.0	7.0	2.5	3.0	1.5	2.5	5.0	17.0
29	3.0	3.0	1.0	1.5	1.5	1.5	1.0	2.5	2.5	4.5	6.0	6.0	9.0	12.0	9.0	13.5	12.0	10.5	7.0	6.0	1.5	3.5	6.0	6.5	5.5	13.5
30	9.0	7.0	3.0	9.0	2.0	2.5	2.5	4.5	6.0	2.5	5.0	6.0	6.0	5.5	11.5	8.0	11.0	9.5	12.5	7.5	10.0	6.5	7.5	5.0	6.5	12.5
31	5.0	7.0	8.5	7.0	3.5	4.5	3.0	3.0	6.0	6.0	7.0	7.0	9.0	7.0	7.0	9.0	7.5	13.5	9.0	19.5	17.0	7.0	5.0	6.0	7.5	19.5
AV	6.5	6.0	4.5	4.5	3.5	3.0	3.0	3.5	4.5	4.5	5.5	6.0	7.0	8.0	9.5	10.5	9.5	9.0	8.0	7.0	7.5	8.0	7.0	7.0	6.5	[ ]
SD	3.7	4.0	3.8	4.2	3.8	2.2	2.2	2.8	2.5	2.1	1.7	1.5	2.1	3.1	3.4	3.3	3.1	3.4	4.5	4.2	4.3	3.7	4.3	4.9	1.7	[ ]

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 30M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1.0	1.5	1.0	1.0	1.0	1.0	1.5	1.5	4.0	4.0	4.5	6.0	6.0	6.0	7.0	6.5	8.0	6.0	3.0	5.0	11.0	12.0	7.5	9.0	5.0	12.0
2	6.5	4.5	2.0	1.0	1.5	2.0	1.0	2.5	2.5	2.5	4.5	6.0	6.0	9.0	6.0	4.5	3.5	3.0	1.5	2.5	2.0	2.0	2.5	1.5	3.5	9.0
3	1.5	1.5	2.0	1.5	1.5	1.5	2.0	2.0	3.5	4.0	3.5	4.0	4.5	10.5	12.5	10.5	11.5	13.0	10.5	8.0	10.5	11.5	5.0	7.0	6.0	13.0
4	13.0	12.0	11.5	11.0	8.5	12.0	17.0	18.5	18.0	15.5	13.0	12.5	12.5	7.5	12.0	10.5	10.5	11.5	9.5	4.0	5.0	12.0	11.5	8.5	11.5	18.5
5	2.5	3.0	2.0	2.5	1.5	1.5	2.0	2.5	3.5	3.5	5.0	6.0	9.5	10.0	10.5	8.5	7.5	9.5	9.0	2.5	1.5	6.5	6.5	9.0	5.5	10.5
6	11.0	9.0	4.0	6.0	6.0	3.5	2.0	3.0	3.5	4.5	9.5	6.5	11.5	4.0	5.5	7.0	5.5	3.5	2.0	6.5	6.0	3.0	3.0	3.5	5.5	11.5
7	1.0	2.0	1.0	1.0	1.0	1.0	1.5	2.0	3.0	6.0	7.5	7.0	6.5	7.0	5.0	7.0	5.0	4.5	9.5	6.0	6.5	4.0	1.5	2.5	4.0	9.5
8	8.5	17.0	9.5	8.5	2.0	1.5	5.5	4.0	4.0	5.5	6.0	7.5	5.0	4.0	6.5	14.5	12.5	8.0	4.0	4.0	2.5	2.5	7.0	3.5	6.5	17.0
9	8.5	9.5	8.0	4.5	3.0	2.0	2.0	2.5	3.0	4.5	4.5	4.5	4.0	4.5	6.0	7.5	8.5	9.0	11.5	14.5	18.0	17.0	10.0	3.0	7.0	18.0
10	1.5	2.0	2.0	3.0	1.0	2.0	1.5	2.0	5.0	3.5	4.0	3.5	4.0	10.5	9.0	6.0	5.0	4.0	3.5	3.5	5.0	7.0	11.5	5.5	4.5	11.5
11	2.5	3.5	7.5	3.0	3.0	2.0	2.5	1.5	2.5	4.5	8.0	11.5	12.5	9.5	15.0	15.0	18.5	17.0	17.5	18.0	20.5	17.5	12.0	6.5	9.5	20.5
12	9.0	4.0	1.5	3.0	1.5	3.5	2.5	2.5	5.0	5.5	16.0	18.5	16.5	13.5	10.5	8.0	11.0	10.0	10.0	3.5	4.0	3.5	2.5	3.5	7.0	18.5
13	2.0	2.0	2.0	2.5	1.5	1.5	1.5	2.5	3.5	4.5	3.5	4.0	4.5	4.5	5.5	5.0	5.0	5.0	4.5	6.0	4.0	4.0	2.5	3.5	3.5	6.0
14	3.0	2.0	1.5	1.5	1.5	1.5	1.0	2.5	3.0	4.0	4.5	4.5	6.0	4.5	6.0	10.5	10.0	9.0	7.0	9.0	11.5	12.5	12.0	10.0	6.0	12.5
15	11.0	11.0	6.5	7.5	7.0	7.5	11.5	8.5	10.5	10.0	10.5	10.5	10.5	13.5	13.5	15.0	16.5	16.5	15.5	15.5	16.0	12.5	8.0	9.0	11.5	16.5
16	7.0	7.0	6.0	3.5	4.0	5.5	6.5	6.0	5.5	6.5	7.5	6.5	5.5	4.5	5.5	6.0	3.5	3.5	3.0	2.5	1.5	1.5	2.0	1.5	4.5	7.5
17	2.0	1.5	1.0	1.5	1.5	1.5	1.5	2.5	3.0	4.0	4.0	4.0	5.5	7.5	6.0	6.5	5.0	3.5	2.5	2.5	9.5	13.5	12.0	5.5	4.5	13.5
18	5.0	2.0	1.5	3.0	1.5	2.0	2.0	1.5	3.0	4.5	6.5	6.5	9.0	15.5	11.5	9.5	9.5	10.5	7.5	6.0	7.5	4.0	4.5	7.5	6.0	15.5
19	7.0	4.0	7.0	14.0	8.5	4.5	3.5	7.0	5.5	6.0	10.0	6.0	8.0	16.0	8.0	11.5	17.0	12.0	10.5	10.0	14.0	10.0	5.5	4.0	8.5	17.0
20	4.0	3.5	2.5	4.0	5.5	13.5	5.0	4.0	5.0	7.5	9.0	10.0	8.5	11.5	11.5	10.0	9.5	9.0	6.0	6.5	5.0	5.0	8.5	4.5	7.0	13.5
21	8.5	8.0	3.0	5.5	3.0	2.5	1.5	3.0	2.5	4.5	11.5	15.0	17.0	10.5	5.0	4.0	2.5	4.0	1.5	1.5	4.5	4.5	3.0	5.5	5.5	17.0
22	3.0	1.5	7.0	5.0	5.0	1.5	.0	1.5	2.0	3.5	6.0	6.5	9.5	9.0	12.0	8.0	15.0	17.5	13.5	5.5	1.5	2.0	4.0	6.5	6.0	17.5
23	7.0	4.0	2.0	4.0	3.0	3.5	5.0	3.0	3.5	4.5	3.0	4.5	4.5	4.5	6.0	5.0	6.0	4.5	5.0	6.5	6.0	2.0	8.5	6.0	4.5	8.5
24	4.5	6.0	3.0	5.5	4.0	2.0	3.0	3.5	5.0	4.5	4.5	5.5	4.0	7.5	12.0	12.0	12.0	7.5	3.5	4.5	4.0	5.0	5.0	3.5	5.5	12.0
25	3.0	2.0	2.5	1.5	2.5	2.5	2.0	2.0	2.5	4.0	3.0	6.0	13.5	11.5	13.5	11.5	5.5	3.5	5.5	7.0	6.5	2.0	3.0	2.0	5.0	13.5
26	1.0	1.5	2.5	2.0	.5	1.0	1.0	1.5	3.5	4.0	5.5	5.0	5.0	6.0	6.5	6.5	4.5	2.0	2.5	.5	2.5	1.5	.5	1.0	3.0	6.5
27	1.5	2.5	3.0	1.0	1.0	1.5	1.0	2.0	4.0	4.5	4.0	5.5	8.5	8.5	8.5	5.0	3.5	5.0	5.0	5.0	4.5	4.0	2.0	3.0	4.0	8.5
28	2.5	2.5	1.0	2.0	1.0	1.5	1.5	1.5	2.5	4.5	7.5	7.5	7.0	9.5	11.5	13.0	11.5	11.5	15.5	14.0	11.0	9.0	9.5	9.0	7.0	15.5
29	5.5	2.0	1.5	2.5	3.5	4.0	2.5	2.0	3.5	4.0	4.5	5.5	6.0	6.0	9.0	12.5	13.5	12.0	11.0	7.0	11.5	10.0	4.5	3.5	6.0	13.5
30	2.5	3.0	5.0	4.0	2.0	1.0	2.0	7.5	5.5	3.5	4.5	5.0	6.0	4.5	4.0	5.5	11.5	11.0	12.5	14.0	10.0	3.5	2.0	2.5	5.5	14.0
31	2.0	2.5	2.5	1.5	2.0	2.0	2.0	2.5	3.0	3.5	3.5	5.0	6.0	7.5	7.0	9.0	10.0	8.5	3.0	3.5	7.0	5.0	3.0	1.5	4.5	10.0
AV	5.0	4.5	3.5	4.0	3.0	3.0	3.0	3.5	4.5	5.0	6.5	7.0	8.0	8.5	8.5	9.0	9.0	8.0	7.5	6.5	7.5	7.0	6.0	5.0	6.0	[ ]
SD	3.4	3.7	2.8	3.0	2.2	2.9	3.3	3.3	2.9	2.4	3.2	3.4	3.5	3.4	3.1	3.2	4.3	4.3	4.5	4.3	4.9	4.7	3.6	2.6	2.1	[ ]

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 30M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.5	3.0	2.0	2.5	4.0	2.0	2.0	2.5	3.5	5.5	6.0	7.0	6.0	10.5	10.5	12.5	12.0	8.5	6.5	4.0	9.0	13.0	15.0	10.5	6.5	15.0
2	5.0	5.0	2.5	1.5	1.5	2.5	2.0	2.5	3.5	5.0	4.5	8.5	10.5	7.5	16.5	15.5	14.0	11.5	10.5	8.0	10.5	10.0	9.5	6.0	7.5	16.5
3	6.5	2.5	3.0	2.0	2.5	2.0	2.0	2.0	3.5	15.5	19.0	19.0	18.0	16.5	15.0	18.0	17.5	14.0	11.0	6.0	8.5	10.5	13.5	12.5	10.0	19.0
4	10.5	10.5	3.5	2.0	1.5	2.0	2.0	3.0	3.0	5.0	12.5	16.0	16.0	17.0	11.5	14.0	13.0	11.5	8.5	8.0	9.0	11.0	14.0	4.5	8.5	17.0
5	7.5	6.0	1.5	2.0	1.5	1.5	1.5	2.5	3.0	5.0	5.5	7.5	10.5	12.5	12.0	14.0	14.0	17.0	12.0	9.0	8.5	10.5	4.0	2.5	7.0	14.0
6	2.0	2.5	3.5	2.0	2.5	2.0	2.0	2.5	4.0	13.5	16.5	17.0	16.0	17.5	13.0	12.5	9.5	13.0	17.5	16.5	15.0	16.0	16.0	14.0	10.5	17.5
7	7.0	4.5	3.0	3.0	4.0	2.0	2.0	3.0	7.5	12.5	10.5	12.0	8.5	8.5	12.5	12.5	14.0	12.5	11.5	10.5	11.0	10.0	10.5	6.5	8.5	14.0
8	4.0	3.5	3.0	2.0	2.0	1.5	1.5	3.0	10.0	13.0	14.0	15.0	17.0	18.0	12.0	8.5	14.0	11.5	9.5	9.5	6.5	10.0	4.5	5.5	8.5	18.0
9	3.5	3.0	2.0	2.0	2.0	1.5	1.5	3.5	3.0	5.0	8.0	17.0	17.0	15.5	16.0	15.0	15.0	17.0	17.0	11.5	8.5	10.0	11.5	3.0	8.5	17.0
10	1.0	1.5	2.5	1.5	5.0	10.5	9.5	11.5	16.5	17.0	17.5	18.0	17.5	21.0	20.5	26.0	34.0	20.5	21.5	14.0	10.5	7.5	8.5	2.0	13.0	34.0
11	3.5	6.0	4.0	6.5	8.5	6.0	7.0	7.0	13.0	17.0	15.5	16.0	13.0	10.5	12.5	15.5	12.0	14.0	12.5	13.0	6.0	8.5	10.0	9.0	10.5	17.0
12	4.0	3.5	3.0	3.0	3.0	2.5	7.5	5.5	6.0	9.0	10.0	10.5	10.0	11.5	10.5	10.5	9.0	7.5	9.5	7.5	8.5	5.0	5.5	5.0	7.0	11.5
13	8.0	11.0	10.0	5.0	6.5	7.0	6.0	6.0	5.5	4.0	9.0	11.0	10.0	8.5	6.0	11.5	13.0	14.0	9.5	7.0	14.5	5.5	5.5	5.0	8.5	14.5
14	4.0	6.0	4.5	5.0	9.0	10.5	9.5	7.5	9.0	7.5	7.0	7.5	7.0	7.5	5.5	5.0	6.5	6.0	8.0	13.5	9.0	4.0	2.0	2.5	7.0	13.5
15	2.0	1.5	2.5	2.0	1.5	1.0	2.0	3.0	4.0	3.5	5.5	5.0	5.5	6.5	6.5	6.5	4.5	4.5	3.5	9.0	13.5	12.5	15.0	13.5	5.5	15.0
16	12.0	12.0	6.5	3.0	3.0	3.0	10.5	8.0	7.5	5.0	3.5	4.0	9.0	13.5	9.5	11.5	14.0	9.5	8.0	13.0	15.0	11.5	17.5	15.5	9.5	17.5
17	7.0	3.5	1.0	1.5	1.5	1.5	2.0	3.0	2.5	2.0	4.5	5.5	8.5	9.5	4.5	6.0	9.0	5.5	8.0	6.0	5.0	3.0	5.5	2.0	4.5	9.5
18	4.5	2.0	1.0	1.0	1.5	1.5	1.5	1.5	3.0	4.5	7.5	9.5	10.0	12.0	6.5	6.5	7.0	7.0	9.0	10.5	10.0	6.5	5.0	2.5	5.5	12.0
19	1.5	2.0	3.0	2.0	1.5	1.5	2.0	3.5	4.5	4.5	4.5	4.5	5.5	5.0	6.0	5.5	5.5	6.0	2.5	2.5	2.0	2.5	1.5	2.0	3.5	6.0
20	1.0	1.0	1.5	1.0	1.0	1.5	1.0	1.5	2.5	5.0	6.0	9.0	14.0	18.5	16.0	13.0	13.0	16.5	18.0	17.0	13.5	16.5	11.0	8.5	8.5	18.5
21	9.5	12.0	7.5	6.5	5.5	3.5	4.0	4.0	4.5	5.5	12.0	-2.0	13.0	12.5	12.0	15.5	12.0	11.5	12.5	17.0	13.0	13.5	13.5	12.0	9.5	17.0
22	8.0	13.5	13.5	18.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	13.5	18.0
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	3.0	2.5	6.5	10.5	8.5	8.0	9.5	8.5	7.5	9.0	6.0	9.0	4.5	1.5	7.0	10.5
28	1.5	2.5	3.5	2.0	2.0	2.5	2.0	2.5	3.0	3.5	4.0	4.0	5.5	4.5	6.5	7.0	6.0	6.0	5.0	5.5	5.0	1.5	3.5	3.0	4.0	7.0
29	3.5	2.0	2.0	2.0	2.5	2.5	2.0	2.5	3.5	4.5	4.0	5.5	5.0	7.0	17.0	10.0	5.0	6.5	14.0	15.5	18.0	19.0	16.5	16.5	8.0	19.0
30	2.5	10.5	12.0	7.5	4.0	2.5	8.5	8.5	9.5	11.0	10.5	15.5	17.0	18.5	17.0	17.0	13.0	7.0	8.0	7.5	7.0	8.0	7.0	10.5	10.0	18.5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5.0	5.0	4.0	3.5	3.0	3.0	4.0	4.0	5.5	7.5	9.0	10.0	11.0	12.0	11.5	12.0	12.0	10.5	10.5	10.0	9.5	9.5	9.0	7.0	8.0	[ ]
SD	3.0	3.8	3.2	3.4	2.2	2.6	3.1	2.5	3.6	4.5	4.7	5.5	4.4	4.6	4.3	4.6	5.7	4.2	4.4	4.0	3.7	4.3	4.8	4.7	2.4	[ ]

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 30M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	13.0	12.5	9.5	5.5	2.5	1.5	5.5	9.0	12.0	7.0	7.0	7.5	8.5	7.5	8.0	9.5	10.0	10.0	7.0	6.5	10.0	11.5	5.0	4.5	8.0	13.0
2	2.0	6.0	9.0	5.5	3.5	6.5	7.5	6.0	3.0	5.5	7.0	8.5	8.5	6.0	12.0	14.0	12.5	10.5	6.5	5.0	9.5	11.0	7.5	4.5	7.5	14.0
3	2.5	4.5	4.5	4.5	5.0	3.0	1.0	3.0	5.5	3.5	5.5	4.5	6.0	7.0	9.0	7.5	6.0	3.0	5.0	3.5	6.0	6.0	3.5	1.5	4.5	9.0
4	2.0	1.0	1.0	2.0	2.5	2.0	1.0	2.0	3.5	2.0	4.5	5.5	6.5	11.0	7.5	11.5	10.0	8.5	7.0	3.5	6.0	4.0	5.0	3.0	4.5	11.5
5	3.0	3.0	2.0	1.5	3.0	2.0	1.5	2.5	3.0	3.5	4.5	5.0	4.5	7.0	9.0	7.0	6.5	7.5	6.5	3.0	3.5	5.0	3.5	3.0	4.0	9.0
6	5.5	2.0	3.5	4.0	1.5	1.0	1.5	1.5	2.0	4.0	5.5	3.5	5.5	4.5	4.0	7.0	4.5	9.5	7.0	8.5	5.5	9.5	4.5	6.0	4.5	9.5
7	6.0	7.5	7.0	5.0	1.5	2.0	1.5	2.0	3.5	4.5	8.0	9.5	13.0	14.0	15.5	12.0	10.5	14.5	19.5	12.5	12.0	9.5	17.5	20.0	9.5	20.0
8	10.5	5.0	3.5	2.5	2.5	2.0	2.5	2.5	3.0	6.0	6.5	6.0	9.0	12.5	7.0	9.5	6.0	6.0	3.0	6.5	12.5	10.0	8.5	10.0	6.5	12.5
9	8.5	11.0	6.5	10.0	9.5	10.5	5.5	3.5	8.5	5.0	7.5	7.0	8.0	8.0	13.0	7.5	4.0	5.0	3.0	6.0	9.0	14.0	9.0	16.5	8.0	16.5
10	11.5	11.5	4.5	7.0	7.0	2.0	3.0	3.5	4.0	4.5	7.0	7.0	6.5	6.5	10.0	14.0	13.0	9.5	5.5	4.5	10.0	10.0	7.5	6.5	7.5	14.0
11	6.0	4.0	3.5	1.5	2.0	1.5	1.5	1.5	3.5	4.0	4.5	5.5	6.0	5.0	6.5	14.0	8.0	8.5	14.0	6.0	6.5	8.0	5.0	9.5	5.5	14.0
12	9.0	10.5	14.0	17.5	14.5	5.5	10.0	10.0	8.0	7.0	7.5	4.5	11.0	9.0	10.5	9.5	14.5	10.0	10.5	7.5	6.5	3.5	5.5	4.5	9.0	17.5
13	3.0	4.0	5.5	2.0	2.0	2.0	3.0	4.0	4.0	3.5	5.0	4.5	7.0	9.0	9.5	8.5	7.0	6.5	4.0	2.5	1.5	4.5	6.0	3.5	4.5	9.5
14	7.5	4.5	2.0	2.0	2.0	2.0	2.0	2.5	4.0	4.5	4.5	7.0	6.5	8.5	3.5	9.0	8.0	8.0	8.0	4.5	4.0	6.0	9.0	6.0	5.0	9.0
15	8.0	2.0	1.5	2.5	2.0	1.5	1.5	2.5	3.5	3.5	6.0	6.0	8.5	5.5	8.0	8.0	5.5	5.0	5.0	2.0	1.0	2.5	3.0	3.0	4.0	8.5
16	2.0	2.0	2.0	2.0	1.5	2.0	1.5	2.0	2.0	3.0	3.0	5.5	5.5	8.0	6.5	8.5	8.0	6.0	7.5	5.5	2.0	12.0	12.0	12.5	5.0	12.5
17	6.5	4.5	4.0	4.5	3.0	3.5	2.0	3.5	7.5	8.0	6.0	7.5	6.5	6.0	10.5	10.0	11.5	10.0	18.5	11.5	7.0	10.0	4.5	3.5	7.0	18.5
18	6.0	7.5	8.0	3.0	1.0	2.0	2.0	1.5	3.0	3.0	5.5	6.5	4.0	9.5	11.5	10.5	10.0	8.0	4.0	7.0	11.5	8.0	2.5	3.5	6.0	11.5
19	4.5	4.0	4.0	1.5	1.5	2.5	2.0	2.0	3.0	3.5	5.5	6.0	5.5	6.0	13.0	16.5	8.5	7.5	17.0	19.5	17.0	11.5	14.0	14.0	8.0	19.5
20	8.0	5.5	4.5	6.5	3.0	4.5	2.5	3.5	3.5	3.0	3.5	3.0	4.5	4.5	6.0	17.0	12.0	6.0	5.5	7.5	6.0	7.5	2.0	1.5	5.5	17.0
21	3.5	1.5	1.5	2.5	2.0	3.0	1.5	3.0	2.5	3.5	4.5	5.5	7.0	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	3.0	7.0
22	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
23	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
24	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
25	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	7.5	5.0	5.0	3.0	5.0	2.0	4.5	7.5
26	3.5	3.0	1.5	1.5	2.0	2.0	2.0	2.0	2.0	3.0	4.0	4.5	6.0	3.0	8.0	11.0	7.0	6.5	6.0	6.5	9.0	[RF]	[RF]	[RF]	4.5	11.0
27	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
28	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
29	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
30	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	5.0	6.5	6.5	5.0	6.5	7.0	10.5	9.5	12.5	7.5	9.5	6.0	9.0	6.0	7.5	12.5
31	3.5	6.5	10.0	7.5	3.5	3.5	3.0	3.0	5.0	6.5	7.5	7.5	8.5	7.5	8.0	8.5	7.5	13.0	8.5	16.0	18.5	8.0	5.5	6.0	7.5	18.5
AV	6.0	5.5	5.0	4.5	3.5	3.0	3.0	3.5	4.5	4.5	5.5	6.0	7.0	7.5	9.0	10.5	8.5	8.0	8.5	7.0	8.0	8.0	6.5	6.5	6.0	[ ]
SD	3.1	3.3	3.3	3.6	3.0	2.1	2.2	2.1	2.4	1.5	1.4	1.5	2.0	2.6	2.9	2.9	2.8	2.6	4.6	4.1	4.3	3.1	3.7	4.9	1.7	[ ]

OUTPT [VERSION N 28 JUL 76]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	205	290	345	190	260	175	5	15	355	330	285	350	270	295	320	310	305	240	205	180	190	190	195	200	[VA]	
2	210	280	35	170	175	105	65	15	20	355	15	305	275	335	330	75	130	105	175	200	180	200	45	150	9	
3	165	220	190	185	105	195	90	5	15	20	20	5	25	175	190	185	175	190	190	180	180	195	195	205	[VA]	
4	190	175	185	180	190	195	185	185	190	195	215	215	220	15	270	255	265	330	255	210	200	190	200	200	10	
5	310	5	210	90	240	180	125	25	20	290	280	280	310	340	325	320	295	330	305	165	155	310	330	225	15	
6	265	275	220	185	170	220	260	40	0	300	315	305	210	20	85	115	75	25	50	165	140	205	225	170	11	
7	285	185	10	[VA]	270	305	315	105	10	15	40	10	45	30	15	10	355	340	280	240	180	160	240	210	2	
8	210	205	195	190	130	240	145	100	80	120	125	170	210	305	330	220	200	185	160	125	190	255	185	215	10	
9	190	195	190	200	215	120	320	25	20	5	45	335	40	35	350	340	285	280	315	145	150	135	180	220	9	
10	200	180	170	210	195	25	15	45	305	5	30	25	20	220	180	190	190	225	255	195	215	215	195	210	10	
11	270	160	195	10	175	160	150	150	20	15	295	255	285	245	285	275	290	295	280	285	275	285	310	300	13	
12	245	220	180	10	145	265	40	295	0	170	25	15	15	20	20	40	20	20	5	255	180	185	185	195	2	
13	75	145	170	55	175	135	0	35	25	15	20	35	355	305	50	25	60	160	210	190	190	180	185	235	3	
14	150	115	140	145	85	105	90	20	20	20	25	25	5	285	205	235	220	215	205	175	180	185	185	190	9	
15	220	320	340	345	30	65	75	60	30	40	50	30	40	45	60	60	70	70	55	55	60	55	75	60	3	
16	75	50	75	75	135	110	100	150	30	45	45	345	330	325	320	310	310	285	0	240	180	190	315	170	15	
17	5	215	170	240	165	150	310	5	25	15	35	330	15	350	10	330	340	345	330	165	170	190	195	165	16	
18	250	150	230	240	255	270	355	10	20	20	350	330	285	195	225	240	180	210	240	205	270	215	225	175	11	
19	190	215	210	195	210	240	245	195	235	345	345	15	255	180	45	190	165	170	155	180	165	150	120	200	9	
20	50	210	205	210	190	180	225	240	225	175	220	160	150	150	150	190	195	180	190	180	170	190	195	240	9	
21	195	195	260	195	240	195	350	300	295	345	190	195	185	155	210	20	35	65	20	60	250	270	225	215	10	
22	220	345	200	195	190	340	0	20	35	30	15	285	275	225	175	190	165	190	190	315	230	205	240	240	9	
23	165	270	240	200	240	210	195	210	315	15	10	5	345	275	240	280	15	10	30	95	140	340	285	75	13	
24	140	240	350	270	240	195	285	335	25	30	355	15	255	225	190	250	210	125	345	225	240	240	285	345	12	
25	190	235	165	275	240	340	30	15	15	315	350	290	315	295	200	15	215	330	145	155	165	250	260	345	16	
26	300	240	210	320	190	355	35	20	320	35	15	295	15	350	320	30	330	340	15	170	180	310	315	165	[VA]	
27	345	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	35	30	25	40	15	350	315	300	15	[RF]	[RF]	240	185	70	60	25	35	3	
28	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	45	345	345	45	30	185	200	215	185	190	195	190	185	185	190	195	10	
29	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	300	310	330	295	300	280	250	330	225	14	
30	175	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	225	20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	170	165	140	145	165	225	205	215	9	
31	160	150	[RF]	[RF]	[RF]	15	20	15	15	15	25	45	285	150	120	145	165	140	285	225	180	[RF]	[RF]	[RF]	[VA]	
PV	9	10	10	[VA]	9	10	1	2	2	2	2	[VA]	2	15	10	2	9	9	10	9	8	9	10	10	9	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	[VA]	[VA]	135	145	[VA]	180	320	20	25	5	325	25	230	190	170	215	250	230	250	215	180	180	180	165	9	
2	35	[VA]	[VA]	160	180	[VA]	0	340	30	20	345	275	270	[VA]	160	180	190	185	175	180	180	170	190	160	[VA]	
3	105	[VA]	[VA]	[VA]	180	340	330	340	35	160	180	180	185	190	180	180	180	185	195	210	165	170	180	180	9	
4	185	200	240	[VA]	205	[VA]	295	15	20	15	140	185	190	180	210	190	185	195	200	180	165	170	180	110	9	
5	190	200	195	[VA]	190	[VA]	5	10	5	15	345	355	200	180	165	190	190	180	195	175	165	180	155	350	9	
6	300	0	[VA]	325	[VA]	225	170	15	15	215	195	195	185	180	170	195	185	170	160	165	175	170	145	160	9	
7	170	235	195	180	215	[VA]	[VA]	0	185	195	180	205	280	250	225	200	195	180	175	170	175	185	170	175	10	
8	225	[VA]	185	[VA]	215	[VA]	15	20	185	180	190	190	195	180	190	200	200	205	240	240	295	290	230	215	9	
9	250	[VA]	0	[VA]	165	320	20	15	15	300	310	180	190	195	200	190	195	190	190	185	170	180	185	195	[VA]	
10	170	[VA]	[VA]	[VA]	185	190	180	190	180	175	190	180	170	175	190	180	195	190	195	195	275	275	310	20	[VA]	
11	200	190	180	200	195	220	295	310	200	195	195	200	245	300	250	210	250	300	315	290	165	195	180	190	10	
12	215	210	215	195	190	215	190	250	270	310	310	285	255	240	230	245	255	225	260	235	180	200	210	180	11	
13	175	180	205	235	210	180	240	90	30	20	295	300	335	340	330	350	340	300	340	285	260	270	210	50	[VA]	
14	350	285	205	195	180	180	180	230	235	270	265	245	250	300	315	285	320	345	40	25	30	50	195	175	[VA]	
15	200	205	[VA]	200	115	[VA]	15	30	20	5	25	[VA]	300	5	310	310	345	60	20	180	185	190	185	190	9	
16	190	190	240	210	[VA]	[VA]	195	195	215	300	270	230	350	335	340	335	315	300	290	300	325	15	150	145	14	
17	135	330	140	225	340	[VA]	190	255	300	330	15	0	285	10	40	60	330	135	140	195	235	[VA]	100	185	16	
18	195	190	[VA]	[VA]	155	[VA]	340	335	335	290	275	285	315	340	335	310	345	65	30	60	55	70	80	160	16	
19	195	245	220	[VA]	130	[VA]	25	10	5	5	15	[VA]	290	300	315	300	15	10	355	[VA]	[VA]	[VA]	165	185	1	
20	150	170	270	170	[VA]	[VA]	[VA]	15	20	35	15	325	255	185	205	210	195	195	190	190	180	195	190	175	9	
21	180	185	165	180	170	285	350	20	25	15	225	240	230	235	235	240	225	215	195	195	190	185	200	190	[VA]	
22	175	175	200	180	190	165	150	155	165	145	[VA]	140	180	150	345	10	345	310	[VA]	145	135	145	160	140	8	
23	180	200	195	215	170	200	355	265	270	300	275	250	290	285	290	285	290	285	285	295	295	330	240	165	13	
24	195	[VA]	[VA]	210	330	[VA]	15	25	5	295	290	285	290	290	295	240	285	285	290	290	290	275	240	180	14	
25	190	[VA]	195	65	200	35	350	15	30	340	295	220	240	240	285	215	240	250	275	270	240	170	180	195	12	
26	180	250	145	275	275	250	310	30	350	285	330	305	355	335	280	[VA]	15	25	345	330	[VA]	290	230	20	16	
27	330	285	305	0	25	[VA]	30	25	40	35	30	20	320	315	310	275	270	300	340	340	300	290	280	300	14	
28	305	285	[VA]	340	290	275	0	10	325	35	45	10	30	[VA]	330	295	340	355	30	60	0	130	330	[VA]	[VA]	
29	225	[VA]	[VA]	[VA]	305	[VA]	[VA]	55	35	30	35	20	330	[VA]	195	200	[VA]	[VA]	140	150	150	170	175	170	9	
30	175	165	175	245	190	[VA]	180	190	190	210	205	195	190	190	175	190	225	320	300	175	190	190	195	185	[VA]	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	10	[VA]	10	10	10	9	2	1	2	2	[VA]	9	[VA]	9	9	10	10	9	10	9	8	9	9	[VA]	10	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	185	185	195	140	180	215	200	190	180	260	165	190	80	20	270	240	195	190	185	180	175	190	225	335	10	
2	170	110	65	70	195	195	190	75	330	0	305	340	340	320	200	250	270	255	255	245	290	285	285	45	16	
3	190	[VA]	135	195	225	260	10	10	20	10	[VA]	35	15	345	345	315	15	135	15	200	185	180	180	190	2	
4	290	195	[VA]	25	285	[VA]	35	30	20	345	10	350	5	300	300	270	225	255	270	200	215	240	150	[VA]	2	
5	45	240	[VA]	90	[VA]	80	90	35	0	350	295	325	285	300	340	280	0	240	20	300	140	110	245	200	14	
6	[VA]	320	235	270	315	330	340	45	15	10	5	310	345	30	345	180	270	315	330	270	260	195	245	210	16	
7	225	195	[VA]	300	255	240	[VA]	10	20	15	300	310	140	140	150	120	130	170	170	170	170	190	165	165	8	
8	180	185	165	180	[VA]	210	40	345	30	25	5	295	280	345	195	210	300	290	315	105	165	175	180	195	9	
9	220	185	205	185	180	180	60	315	195	305	320	320	315	350	170	175	330	190	330	180	180	195	215	155	9	
10	180	180	225	210	[VA]	230	[VA]	355	15	30	280	345	15	15	255	190	140	225	300	30	135	140	170	195	[VA]	
11	215	215	240	195	[VA]	225	75	5	35	15	15	315	20	60	315	225	235	225	285	240	185	130	235	195	11	
12	170	200	190	190	195	225	165	165	180	260	220	290	285	345	140	200	180	155	210	285	310	150	160	125	9	
13	175	195	190	225	165	240	230	330	20	15	350	[VA]	290	345	355	285	270	245	345	270	165	195	300	195	[VA]	
14	195	285	160	260	15	270	30	35	10	345	15	5	330	290	290	255	265	290	305	305	225	210	205	230	14	
15	215	175	170	190	125	[VA]	[VA]	20	10	10	10	30	20	[VA]	330	320	[VA]	355	345	[VA]	175	165	160	[VA]	1	
16	220	30	165	180	145	[VA]	90	25	10	35	25	330	35	325	[VA]	330	335	20	35	175	180	175	180	190	2	
17	210	170	70	195	[VA]	150	[VA]	145	200	300	300	290	340	45	195	295	340	330	295	160	265	210	125	135	10	
18	245	105	215	225	180	185	330	55	30	15	290	315	285	310	320	295	280	280	240	170	145	150	65	240	14	
19	215	225	230	270	145	185	5	55	345	320	15	315	250	265	180	160	125	135	190	195	150	270	240	155	[VA]	
20	135	170	210	250	[VA]	210	110	325	15	30	210	230	215	300	345	280	230	150	210	215	190	180	220	180	10	
21	[VA]	140	[VA]	45	215	[VA]	35	35	45	10	255	245	270	300	270	260	340	15	345	315	345	[VA]	145	215	[VA]	
22	225	210	[VA]	250	160	160	45	10	20	20	15	345	10	355	115	295	[VA]	30	345	345	270	230	240	190	2	
23	220	[VA]	160	120	100	90	[VA]	20	345	30	10	350	310	300	60	10	15	15	10	60	130	155	170	160	1	
24	120	180	230	170	330	[VA]	[VA]	20	15	[VA]	215	350	280	325	[VA]	300	175	185	170	175	185	215	190	190	9	
25	195	190	180	180	160	180	185	200	205	290	[VA]	60	135	190	145	190	260	245	120	110	105	205	195	[VA]	[VA]	
26	240	210	165	[VA]	270	[VA]	205	340	30	40	310	320	345	300	245	195	145	120	110	135	150	185	195	190	10	
27	205	190	195	190	190	[VA]	300	300	250	240	300	235	245	310	305	345	315	350	300	290	255	200	220	[VA]	14	
28	180	340	[VA]	35	40	[VA]	0	45	15	25	15	340	280	315	350	0	5	20	0	320	240	200	190	[VA]	2	
29	195	10	190	250	[VA]	[VA]	[VA]	20	25	25	345	315	285	130	130	340	335	355	15	65	[VA]	120	40	75	2	
30	10	25	325	240	200	[VA]	265	230	355	15	5	325	320	305	335	310	0	345	285	270	230	[VA]	80	100	[VA]	
31	110	240	280	255	245	120	130	330	325	345	325	335	315	345	330	350	355	265	240	195	200	300	95	120	16	
PV	11	10	9	9	[VA]	[VA]	3	2	1	1	1	16	14	15	[VA]	[VA]	16	12	16	10	8	9	9	9	10	

WIND DIRECTION @ 20M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	350	10	355	210	320	300	35	30	0	350	345	15	290	300	345	330	315	250	220	190	200	200	205	210	1	
2	220	240	15	40	290	340	110	20	35	15	10	305	285	340	0	85	135	125	[VA]	270	215	250	40	340	[VA]	
3	115	315	[VA]	185	40	315	65	25	20	30	20	15	[VA]	185	200	195	190	205	205	195	190	205	220	215	10	
4	205	190	195	195	200	205	200	200	205	210	230	230	230	25	270	265	275	345	265	230	215	200	210	210	10	
5	265	35	260	295	310	[VA]	210	25	30	280	270	290	320	340	335	325	310	335	310	35	85	315	340	240	15	
6	280	280	235	195	180	235	295	55	10	305	330	315	220	25	95	125	95	30	60	165	150	[VA]	240	195	11	
7	310	180	45	40	5	[VA]	90	120	25	30	60	20	50	35	40	20	10	350	290	250	195	180	325	230	2	
8	215	215	210	200	140	255	155	110	90	120	135	185	215	290	340	230	215	200	175	150	175	275	195	220	10	
9	205	210	200	205	230	[VA]	280	30	15	20	40	345	85	40	0	350	290	285	325	155	160	150	195	235	10	
10	240	220	180	250	20	345	40	50	310	350	40	30	40	235	195	200	205	235	270	210	225	230	205	205	11	
11	270	185	195	310	275	[VA]	[VA]	[VA]	35	20	305	260	300	260	295	285	300	300	290	290	285	295	320	315	14	
12	260	235	230	345	[VA]	260	[VA]	305	10	170	35	25	25	30	30	55	25	30	15	285	230	195	245	215	2	
13	20	0	315	340	295	[VA]	355	25	30	20	35	60	0	[VA]	45	30	60	110	225	205	210	195	205	250	2	
14	205	0	5	335	300	95	55	25	30	30	35	20	15	290	215	245	235	230	220	190	190	195	200	205	[VA]	
15	235	330	355	355	40	75	85	65	40	50	60	40	50	55	70	70	80	75	65	65	70	65	75	70	4	
16	60	65	80	80	115	120	100	80	40	50	45	35	45	355	350	20	310	300	20	[VA]	190	215	345	315	[VA]	
17	0	350	190	330	235	25	45	35	35	10	55	30	15	5	10	325	[VA]	25	0	160	180	200	205	175	1	
18	250	145	[VA]	[VA]	285	285	45	30	25	35	15	350	280	210	230	240	210	210	240	230	265	245	235	195	12	
19	195	165	210	210	215	240	245	205	240	0	350	15	265	185	95	195	165	175	165	185	175	160	120	145	9	
20	50	235	275	210	195	195	225	250	230	170	135	225	170	165	155	185	205	190	195	195	165	190	195	[VA]	10	
21	205	210	[VA]	165	225	175	40	35	60	30	200	205	195	165	210	30	30	[VA]	[VA]	110	255	265	235	[VA]	10	
22	215	[VA]	210	210	200	200	295	30	30	30	15	285	280	230	190	205	205	200	195	110	295	215	200	185	10	
23	185	225	225	205	295	215	205	200	[VA]	30	20	10	15	275	270	310	45	20	45	110	155	15	290	75	2	
24	135	165	95	175	[VA]	250	20	335	30	45	25	15	175	215	185	30	195	130	15	205	230	[VA]	[VA]	[VA]	2	
25	190	[VA]	[VA]	330	[VA]	15	40	45	20	355	305	295	315	225	215	[VA]	205	135	155	160	185	305	250	60	15	
26	0	275	355	330	165	355	30	25	320	15	20	300	45	25	305	15	340	350	5	55	175	320	305	315	2	
27	340	205	315	[VA]	115	355	20	25	40	30	25	35	355	320	300	335	310	240	260	200	165	170	105	155	2	
28	25	15	10	140	125	20	20	10	55	5	355	45	30	210	240	225	220	225	205	200	195	195	210	220	2	
29	245	255	20	305	255	235	285	355	15	30	30	25	20	280	200	320	325	350	320	315	285	265	325	250	[VA]	
30	180	220	205	235	285	[VA]	30	235	45	70	335	5	295	310	265	350	140	170	145	155	175	230	250	150	[VA]	
31	[VA]	[VA]	40	315	335	185	40	25	35	30	45	25	310	175	135	225	255	290	280	240	200	240	45	20	[VA]	
PV	10	11	10	10	14	11	[VA]	2	2	2	2	2	2	2	10	2	10	10	10	10	9	[VA]	10	11	10	

WIND DIRECTION @ 20M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	335	135	145	45	345	250	15	45	15	25	15	25	315	210	215	220	275	265	280	245	190	200	195	190	2	
2	215	270	[VA]	350	110	50	[VA]	30	35	20	25	320	305	265	195	190	200	205	205	210	195	190	205	210	10	
3	205	285	40	155	305	325	350	20	20	190	200	205	195	205	205	205	200	215	210	230	185	190	195	195	10	
4	195	210	210	45	240	45	70	35	40	30	[VA]	220	205	205	230	210	200	215	220	215	190	185	195	110	10	
5	225	[VA]	245	15	[VA]	[VA]	40	15	40	15	5	0	185	195	160	195	205	190	205	195	190	195	190	245	10	
6	5	50	270	[VA]	0	305	[VA]	20	25	235	195	205	205	195	185	205	190	180	170	175	165	180	160	175	[VA]	
7	175	240	265	160	195	335	[VA]	350	190	205	200	215	295	250	230	215	205	195	185	180	185	195	180	185	10	
8	195	330	210	150	320	305	345	15	215	205	200	195	205	190	200	215	210	210	245	255	210	195	245	230	10	
9	250	225	320	280	5	65	20	25	10	305	305	195	200	205	210	210	210	205	200	200	185	185	195	[VA]	10	
10	280	[VA]	[VA]	340	225	210	200	200	190	185	195	190	180	195	200	195	205	195	205	205	285	305	315	340	10	
11	215	205	185	210	195	220	300	325	215	215	205	215	235	305	250	220	250	310	310	300	140	200	195	200	11	
12	235	225	225	220	195	260	200	255	270	290	305	300	280	255	250	260	260	225	270	240	205	225	220	205	11	
13	190	195	230	240	230	200	190	90	50	20	295	300	330	350	335	5	350	315	350	290	300	235	215	60	11	
14	45	230	220	215	195	195	195	235	255	280	280	265	245	305	300	285	20	355	45	40	35	50	205	250	11	
15	85	310	315	150	195	330	25	35	35	25	35	30	345	10	335	320	20	40	25	185	195	200	195	195	2	
16	195	205	245	205	235	[VA]	205	200	220	300	295	230	355	350	340	345	335	310	295	305	325	10	165	160	16	
17	135	35	30	200	335	[VA]	165	265	295	305	25	35	305	355	30	65	310	150	150	200	250	75	105	175	[VA]	
18	205	205	[VA]	335	[VA]	30	350	10	325	305	275	290	325	350	350	320	330	70	45	65	65	65	85	90	[VA]	
19	260	320	260	115	95	25	25	5	10	35	40	155	300	305	310	310	35	20	25	90	35	40	250	65	3	
20	120	[VA]	330	355	45	120	[VA]	35	20	45	30	320	245	195	210	225	205	210	205	200	185	210	225	185	10	
21	195	195	200	200	185	205	260	25	30	355	240	0	230	245	255	255	240	230	205	205	200	195	210	200	10	
22	185	190	215	190	195	180	165	160	170	160	185	105	155	160	340	10	355	305	80	150	150	140	115	130	8	
23	205	205	210	225	235	215	335	270	275	300	275	270	285	285	290	290	295	285	295	300	300	330	355	125	[VA]	
24	190	340	290	190	345	[VA]	20	35	355	290	260	275	280	275	300	290	270	265	305	300	290	280	260	190	14	
25	200	40	210	350	210	20	345	15	20	335	295	230	250	235	250	220	250	265	275	275	255	195	190	210	12	
26	210	260	250	280	285	270	315	40	355	290	25	325	10	350	295	295	345	30	355	340	[VA]	305	260	40	14	
27	315	5	285	20	65	90	45	35	45	45	45	25	330	320	300	[VA]	275	320	350	350	315	300	275	245	[VA]	
28	5	285	[VA]	335	330	[VA]	10	20	320	30	50	[VA]	40	[VA]	10	355	[VA]	0	40	75	265	[VA]	[VA]	255	1	
29	205	[VA]	105	215	265	350	45	65	30	25	30	30	10	[VA]	205	210	285	115	155	155	165	180	185	190	[VA]	
30	100	85	65	105	145	200	100	115	145	[VA]	210	195	200	[VA]	[VA]	205	[VA]	330	[VA]	[VA]	180	195	205	205	10	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	10	10	11	10	10	10	2	2	2	2	2	10	[VA]	10	10	[VA]	10	10	10	10	9	10	10	[VA]	10	

WIND DIRECTION @ 20M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	190	195	195	75	215	250	215	185	195	270	280	125	80	45	250	255	200	200	190	180	180	200	220	300	10	
2	190	80	70	65	195	195	190	40	310	340	325	10	0	[VA]	215	250	250	225	255	250	290	290	290	65	12	
3	100	110	130	200	250	290	15	20	25	45	340	55	30	5	0	335	15	85	10	280	195	200	185	[VA]	2	
4	345	305	5	35	285	350	60	10	30	20	15	345	5	300	290	260	245	275	280	215	215	240	200	[VA]	1	
5	110	325	355	[VA]	110	[VA]	[VA]	10	10	10	285	335	300	330	340	300	10	340	15	30	135	120	[VA]	200	1	
6	300	15	240	240	300	20	25	75	45	20	15	[VA]	15	40	30	180	280	320	340	280	285	190	220	220	2	
7	230	210	[VA]	310	305	185	345	20	30	20	310	340	145	145	160	125	135	190	190	195	175	210	175	175	9	
8	195	130	215	200	85	225	45	10	40	40	20	300	290	350	225	195	285	305	330	125	175	190	195	210	10	
9	225	200	210	195	190	200	120	260	200	335	315	330	350	5	195	180	315	210	90	195	190	210	215	155	10	
10	180	185	250	230	270	250	265	30	25	35	280	345	20	0	255	200	140	240	300	30	130	160	180	215	12	
11	210	225	245	[VA]	300	325	5	345	30	25	15	310	30	60	325	225	335	220	330	255	190	195	230	210	11	
12	180	210	200	200	200	230	180	180	210	285	230	270	290	350	165	200	195	165	210	300	315	180	165	120	9	
13	150	180	190	225	135	320	250	330	30	15	30	305	300	345	355	290	270	245	340	330	195	185	320	150	15	
14	215	315	165	290	70	[VA]	25	30	15	15	15	5	330	290	290	260	285	300	315	315	245	215	225	245	14	
15	240	345	10	5	15	15	170	15	25	15	10	35	30	[VA]	315	345	[VA]	325	10	[VA]	175	215	180	260	1	
16	250	345	155	[VA]	[VA]	320	310	20	30	45	20	350	50	330	[VA]	350	20	340	45	45	210	200	195	200	3	
17	215	170	[VA]	[VA]	305	170	185	135	220	315	315	300	300	40	210	335	335	330	330	210	250	210	125	150	15	
18	240	95	215	275	165	210	320	[VA]	30	15	295	320	285	310	325	300	285	285	270	185	160	165	135	240	14	
19	220	240	240	290	[VA]	140	10	75	0	5	45	315	270	270	190	170	155	140	195	200	170	280	240	150	[VA]	
20	145	180	190	250	[VA]	230	125	335	15	45	225	255	240	315	355	285	255	190	230	240	195	205	280	170	12	
21	[VA]	180	[VA]	80	[VA]	[VA]	345	30	50	15	255	270	280	320	285	285	10	20	355	345	0	[VA]	240	230	1	
22	230	195	30	345	100	[VA]	35	30	40	40	45	355	25	15	95	325	210	35	5	355	295	245	285	215	2	
23	245	330	260	[VA]	[VA]	320	[VA]	45	15	40	20	355	340	330	60	30	15	30	20	70	130	170	165	165	2	
24	235	[VA]	315	160	340	[VA]	[VA]	30	35	[VA]	225	15	285	300	[VA]	310	175	195	180	190	195	225	200	200	10	
25	205	200	195	200	195	205	210	210	210	280	[VA]	60	150	205	160	185	265	255	150	130	120	215	210	[VA]	10	
26	270	225	160	[VA]	[VA]	[VA]	235	20	30	45	330	315	15	300	270	200	150	135	120	150	165	200	210	205	10	
27	215	205	210	205	205	50	[VA]	300	270	240	315	240	240	330	345	0	315	5	305	300	285	230	230	15	15	
28	200	355	[VA]	300	20	345	0	5	25	25	40	[VA]	315	320	0	5	15	15	10	330	270	210	240	15	1	
29	205	0	200	300	315	[VA]	15	25	40	40	350	310	300	155	135	345	355	10	30	75	[VA]	115	55	80	1	
30	15	30	345	250	215	240	255	245	5	15	20	350	325	320	335	330	10	0	300	280	240	[VA]	100	110	2	
31	110	240	290	275	245	150	145	15	350	15	355	0	340	15	355	0	0	270	240	205	215	300	95	130	1	
PV	[VA]	10	10	10	[VA]	10	2	1	2	2	2	[VA]	14	16	16	16	1	16	1	10	[VA]	10	10	[VA]	10	

WIND DIRECTION @ 30M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	350	10	320	275	350	315	45	40	10	335	345	15	345	300	345	345	320	260	225	190	205	205	215	220	16	
2	225	235	305	335	310	345	305	30	50	25	45	315	300	350	10	80	235	145	[VA]	295	240	270	330	350	16	
3	225	330	[VA]	35	75	345	310	45	45	45	60	5	[VA]	200	225	205	200	220	220	210	205	215	235	230	[VA]	
4	215	205	210	205	210	215	215	215	215	230	240	235	240	235	275	280	295	350	205	245	235	215	220	220	11	
5	270	30	280	285	350	[VA]	325	35	50	290	275	310	350	0	350	350	335	350	330	85	65	335	350	265	1	
6	295	295	240	205	185	250	225	90	315	310	350	320	225	35	120	140	120	195	70	180	175	[VA]	270	195	10	
7	325	145	315	75	75	[VA]	5	135	35	40	65	30	65	50	45	30	20	355	290	255	205	115	345	240	3	
8	225	230	225	210	190	75	155	120	105	130	150	190	230	290	355	255	230	210	180	160	190	300	200	215	[VA]	
9	215	225	215	215	225	[VA]	240	30	45	45	45	0	285	20	15	0	285	305	240	170	170	160	195	240	11	
10	245	270	215	285	35	15	75	65	315	45	40	315	45	240	215	215	215	245	275	225	230	235	215	225	11	
11	275	195	205	240	240	[VA]	[VA]	[VA]	30	30	315	270	300	270	300	310	315	300	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	14	
12	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	30	40	40	45	45	50	45	40	30	300	280	225	285	240	3	
13	350	320	300	355	300	[VA]	30	40	45	30	75	15	10	[VA]	25	45	75	320	225	215	200	270	225	240	2	
14	200	10	10	345	300	135	55	30	45	45	50	30	45	305	215	255	235	250	225	205	205	205	210	215	10	
15	245	225	15	10	60	90	95	75	45	55	75	45	60	70	85	85	95	90	80	80	85	80	90	85	4	
16	95	80	95	90	125	130	115	90	55	65	60	45	15	315	320	30	330	315	35	335	180	330	355	0	[VA]	
17	5	15	315	355	275	355	110	50	50	40	65	40	30	20	20	340	[VA]	50	25	110	195	210	215	190	2	
18	235	160	[VA]	[VA]	345	295	50	35	35	45	25	5	290	225	240	255	225	220	255	245	260	260	255	210	12	
19	210	185	220	235	225	250	255	220	255	15	5	30	275	200	115	210	180	190	175	200	185	175	130	160	[VA]	
20	235	280	300	220	210	205	235	250	245	185	145	235	180	175	170	200	220	205	205	210	180	205	210	225	10	
21	215	225	[VA]	180	225	205	60	50	165	55	210	220	205	180	210	45	45	[VA]	[VA]	145	265	275	250	[VA]	10	
22	230	[VA]	225	225	220	215	255	40	30	35	15	285	290	240	205	210	220	215	210	120	5	230	220	195	11	
23	210	255	260	215	355	225	220	220	[VA]	40	40	25	15	225	260	305	70	35	65	135	165	70	300	85	[VA]	
24	145	165	355	280	[VA]	210	300	345	40	55	35	30	285	230	200	250	210	145	20	215	235	[VA]	[VA]	[VA]	11	
25	200	[VA]	[VA]	340	[VA]	20	0	65	350	25	255	305	330	240	230	[VA]	230	315	165	175	190	[1	255	340	16	
26	330	260	5	315	180	10	35	35	330	15	35	310	55	40	315	40	25	20	35	55	155	45	335	325	3	
27	335	205	315	[VA]	270	5	45	40	50	45	45	45	10	340	315	350	350	250	275	215	210	195	155	245	[VA]	
28	75	0	15	160	115	10	340	50	80	25	10	55	45	265	255	235	235	240	220	215	205	210	220	235	11	
29	135	275	290	265	55	245	285	350	30	40	30	40	35	300	245	330	340	5	335	330	300	280	340	295	14	
30	185	235	215	260	290	[VA]	50	250	60	75	355	20	290	320	280	0	150	185	155	165	185	230	320	160	8	
31	[VA]	[VA]	50	325	0	260	65	35	50	40	50	65	325	190	155	265	265	305	295	260	215	210	15	150	3	
PV	11	11	11	11	11	1	3	3	2	3	3	2	3	11	11	12	11	12	11	10	10	10	11	11	11	

WIND DIRECTION @ 30M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	345	200	265	0	355	330	110	60	30	35	30	40	335	225	230	235	285	280	290	260	205	210	205	205	10	
2	235	290	30	5	20	35	[VA]	45	50	35	40	335	315	285	205	205	215	220	220	225	215	205	210	220	11	
3	200	10	30	135	350	60	0	40	35	205	215	215	210	220	220	215	215	225	225	250	200	205	205	205	11	
4	205	225	260	30	300	55	105	60	60	45	185	215	220	215	240	225	215	225	235	225	210	200	205	200	[VA]	
5	230	[VA]	350	25	[VA]	315	80	15	50	35	30	20	195	205	200	205	215	200	215	210	205	210	195	230	[VA]	
6	35	45	305	180	345	310	185	50	45	250	210	220	220	210	200	215	205	195	180	185	195	190	175	185	10	
7	185	240	285	140	200	335	[VA]	5	205	220	215	230	305	260	245	225	220	205	195	195	200	205	195	200	11	
8	200	260	250	140	[VA]	335	355	5	205	220	215	210	220	205	215	230	225	225	260	265	225	210	265	250	11	
9	255	250	265	300	345	90	100	40	40	320	325	210	215	220	220	225	225	220	215	220	205	200	205	[VA]	11	
10	330	190	290	350	230	215	210	215	200	200	205	205	195	205	210	205	215	205	220	220	300	320	330	345	10	
11	230	220	205	220	210	235	315	340	230	225	220	225	250	315	260	235	265	320	325	310	170	215	210	215	11	
12	255	240	240	240	220	270	215	260	280	305	315	315	295	265	260	270	275	245	280	255	220	240	235	220	12	
13	205	205	250	255	245	215	205	105	65	35	305	310	345	5	345	20	5	325	10	305	305	250	230	80	15	
14	60	235	235	230	215	210	210	245	270	295	295	275	260	315	320	315	25	15	60	55	50	65	205	285	11	
15	[VA]	320	330	160	160	340	40	50	45	30	65	70	5	25	340	335	35	80	0	200	205	210	205	210	16	
16	210	215	255	220	230	[VA]	220	215	235	315	315	240	5	5	355	0	345	320	310	320	335	20	180	175	11	
17	150	60	10	[VA]	340	[VA]	175	275	315	320	40	55	315	10	55	75	315	165	165	210	270	90	120	190	[VA]	
18	215	210	[VA]	350	5	55	15	25	330	315	290	310	335	5	355	340	355	90	60	85	80	85	100	110	1	
19	290	350	285	125	35	50	30	15	20	45	55	170	310	320	320	325	50	35	50	85	55	[VA]	265	35	3	
20	60	15	350	30	15	120	330	30	40	50	30	340	250	200	215	230	215	210	220	215	200	220	240	200	11	
21	205	205	165	215	200	210	[VA]	35	40	35	250	0	245	260	270	265	255	245	225	220	210	210	220	210	[VA]	
22	200	200	225	205	210	195	180	175	185	175	190	125	155	170	355	25	10	320	100	160	160	155	130	125	9	
23	210	205	225	235	265	230	245	285	290	315	290	285	300	300	300	305	310	300	310	315	315	345	355	115	[VA]	
24	195	330	330	210	0	345	35	50	15	305	280	290	290	285	320	295	280	300	315	315	305	295	275	210	[VA]	
25	215	10	230	315	210	25	345	15	45	340	310	245	260	250	265	235	260	280	290	290	270	215	205	225	[VA]	
26	220	275	265	295	305	285	325	55	10	305	25	350	25	5	310	310	50	45	10	355	[VA]	325	280	285	15	
27	350	340	340	15	70	90	50	55	60	55	55	45	340	330	320	325	290	335	0	5	335	315	310	335	16	
28	5	305	85	355	325	310	30	25	335	45	70	15	55	85	20	350	0	25	60	90	10	155	15	235	2	
29	240	350	110	130	335	250	95	85	40	35	45	40	25	295	220	225	310	140	165	170	175	190	200	200	9	
30	205	195	200	235	210	170	205	225	220	[VA]	230	210	215	210	200	210	240	340	300	195	195	195	205	210	[VA]	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	11	11	12	11	[VA]	[VA]	10	[VA]	3	3	[VA]	11	11	10	11	11	11	11	11	11	10	10	10	10	11	

WIND DIRECTION @ 30M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	20	205	235	170	285	300	235	215	225	270	290	[VA]	130	130	270	265	245	225	210	210	195	210	265	15	[VA]	
2	220	115	90	75	240	225	215	[VA]	345	10	340	25	0	335	230	275	290	240	265	270	305	300	320	25	16	
3	115	110	120	195	250	275	5	35	35	70	15	60	40	345	25	345	30	100	25	[VA]	215	215	200	210	2	
4	350	340	15	20	315	[VA]	90	40	45	45	30	10	30	305	315	265	250	275	290	235	210	240	185	[VA]	2	
5	[VA]	[VA]	345	345	[VA]	355	[VA]	25	30	30	325	0	330	325	10	320	30	15	40	20	135	150	[VA]	290	2	
6	270	20	[VA]	240	260	30	315	85	45	355	20	[VA]	20	40	30	[VA]	275	330	345	280	300	215	265	220	2	
7	225	210	[VA]	315	[VA]	140	0	20	40	40	315	345	150	160	170	135	145	200	200	195	195	220	180	180	[VA]	
8	195	180	240	220	[VA]	225	50	355	35	45	25	320	300	5	220	210	300	305	5	160	190	195	200	220	10	
9	225	210	225	200	205	210	200	240	205	315	315	320	335	15	195	200	330	200	120	200	200	215	210	165	10	
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15	235	[VA]	[VA]	15	15	345	[VA]	30	30	30	20	30	30	[VA]	315	15	[VA]	315	25	15	155	120	190	[VA]	2	
16	265	275	120	300	350	345	270	355	55	50	35	15	55	345	[VA]	355	30	355	45	60	210	205	215	210	[VA]	
17	220	165	[VA]	[VA]	310	180	190	195	225	315	315	315	15	60	215	315	355	345	315	210	255	215	130	165	[VA]	
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19	215	245	245	300	60	130	60	60	350	5	40	330	290	290	195	185	145	150	200	205	185	280	250	155	12	
20	145	180	210	270	[VA]	215	125	[VA]	30	60	220	270	235	305	0	300	260	200	230	255	200	210	305	[VA]	10	
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22	235	225	35	325	[VA]	[VA]	30	35	55	60	65	15	20	25	120	320	[VA]	55	20	10	300	255	300	325	3	
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29	190	330	180	325	[VA]	[VA]	20	20	50	45	355	300	280	120	135	355	15	20	35	60	[VA]	90	55	65	[VA]	
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TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1976

AEROVIRONMENT INC.

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*                    *
*  PRELIMINARY DATA  *
*  AS OF 19/SEP/76   *
*                    *
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*                    *
*    SUBJECT TO      *
*     REVISION       *
*                    *
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CLOCK HOUR [LOCAL STANDARD TIME]

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OUTPT [VERSION N 28 JUL 76]

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1976

AEROVIRONMENT INC.

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* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
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* SUBJECT TO *
* REVISION *
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CLOCK HOUR [LOCAL STANDARD TIME]

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TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1976

AEROVIRONMENT INC.

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* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
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OUTPT [VERSION N 28 JUL 76]

DELTA T (30M-10M)
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.4	.5	.5	.6	.2	.1	-.4	-.5	-.7	-.9	-1.1	-.9	-.6	-.7	-.8	-.7	-.6	-.5	-.3	1.7	.4	-.1	-.2	-.2	-.2	1.7
2	.0	.5	1.4	.6	.7	.4	-.2	-.3	-.6	-.9	-1.0	-.8	-.7	-.6	-.6	-.6	-.5	-.4	.0	1.2	2.1	1.3	.6	1.3	.1	2.1
3	.9	.5	.7	.7	.8	.2	.4	-.3	-.6	-.9	-1.0	-.8	-.5	-.5	-.6	-.5	-.4	-.4	-.3	.1	.1	-.2	.1	-.2	-.1	.9
4	-.2	.0	.0	.0	-.1	-.1	-.2	-.2	-.5	-.8	-.8	-.7	-.6	-.8	-.7	-.6	-.5	-.5	-.4	-.3	.0	-.2	.0	-.1	-.3	.0
5	.2	.2	.2	.5	.6	.8	.0	-.2	-.6	-.9	-.9	-.8	-.6	-.7	-.7	-.6	-.5	-.5	-.4	-.2	.1	-.3	-.3	-.4	-.2	.8
6	-.5	-.3	-.3	-.3	-.3	-.2	-.2	-.3	-.7	-.9	-.9	-.8	-.7	-.8	-.9	-.7	-.7	-.6	-.5	-.3	-.3	-.3	-.2	-.3	-.5	-.2
7	-.2	-.1	-.2	-.3	-.2	-.2	-.3	-.3	-.6	-.9	-1.0	-.8	-.8	-.7	-.8	-.7	-.6	-.6	-.5	-.5	-.2	-.2	.1	.1	-.4	.1
8	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.4	-.6	-.8	-.9	-.8	-.6	-.5	-.6	-.3	-.3	-.4	-.3	-.2	.0	.2	-.1	-.2	-.4	.2
9	-.2	-.1	.0	-.1	-.1	.0	.0	-.2	-.5	-.8	-.9	-.6	-.4	-.4	-.4	-.3	-.2	-.2	-.1	-.1	-.1	-.1	.0	.5	-.2	.5
10	.4	.7	.8	.3	.0	.2	-.3	-.3	-.5	-.7	-.7	-.6	-.4	-.3	-.3	-.2	-.2	-.2	.0	1.4	1.0	.4	.4	.3	.1	1.4
11	.6	.8	.4	2.0	1.7	1.1	.0	.1	-.3	-.5	-.5	-.3	-.2	-.3	-.3	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.1	2.0
12	-.1	.1	1.3	.8	.5	1.2	.4	-.2	-.6	-.8	-.7	-.6	-.4	-.4	-.5	-.4	-.3	-.3	-.1	.8	.7	1.7	1.2	1.0	.2	1.7
13	.8	.9	.7	.8	.2	.4	-.1	-.3	-.5	-.8	-.7	-.5	-.3	-.3	-.3	-.3	-.2	-.1	.2	.4	1.5	.8	.5	1.1	.2	1.5
14	1.0	1.4	.8	.7	.8	1.0	-.1	-.1	-.3	-.6	-.6	-.4	-.2	-.2	-.1	.0	.0	.1	.2	.6	.5	.4	.4	.4	.2	1.4
15	.2	.2	.3	.2	.1	.0	-.1	-.2	-.4	-.6	-.6	-.5	-.4	-.3	-.5	-.4	-.4	-.3	-.3	-.3	-.2	-.2	-.2	-.3	-.2	.3
16	-.3	-.2	-.1	-.1	.0	-.3	-.5	-.5	-.6	-.9	-1.0	-.9	-.9	-.9	-.9	-.8	-.8	-.8	-.4	.8	2.1	1.1	.4	.5	-.2	2.1
17	.4	.1	.3	.0	.5	-.2	-.5	-.7	-.8	-.9	-1.1	-.9	-.7	-.7	-.7	-.7	-.5	-.6	-.2	1.1	.5	-.1	.0	.6	-.2	1.1
18	.7	1.1	1.2	1.3	.7	.6	.0	-.3	-.5	-1.0	-.9	-.7	-.6	-.5	-.6	-.5	-.5	-.5	-.3	-.3	-.2	-.2	-.2	.0	-.1	1.3
19	.0	.1	.1	.0	-.1	.0	-.1	-.3	-.5	-.8	-.8	-.7	-.5	-.6	-.6	-.4	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.1	-.3	.1
20	-.1	.1	.0	.0	-.1	-.2	-.3	-.3	-.6	-.8	-.8	-.7	-.2	-.6	-.7	-.6	-.6	-.6	-.3	-.3	-.1	-.1	-.3	-.2	-.4	.1
21	-.3	-.2	-.1	-.1	-.2	-.1	-.3	-.4	-.6	-.8	-.9	-.8	-.6	-.7	-.8	-.7	-.7	-.6	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.1
22	-.4	-.1	-.5	-.1	.0	.1	.4	-.5	-.6	-.9	-.9	-.7	-.3	-.4	-.5	-.5	-.7	-.7	-.6	-.5	-.1	-.3	-.3	-.3	-.4	.4
23	-.4	-.3	-.3	-.4	-.3	-.3	-.5	-.6	-.9	-1.0	-.9	-.9	-.9	-.8	-.8	-.7	-.7	-.6	-.4	-.3	-.1	-.1	-.3	-.3	-.5	-.1
24	-.1	.0	.0	-.1	-.2	.1	-.3	-.5	-.7	-.9	-1.0	-.8	-.7	-.6	-.7	-.6	-.3	-.5	-.3	.2	.0	.0	.1	.1	-.3	.2
25	.1	.2	.3	.2	.4	.4	-.2	-.7	-.8	-1.1	-1.1	-.8	-.7	-.7	-.7	-.7	-.7	-.8	-.6	-.4	-.1	.0	.1	.2	-.3	.4
26	.0	.5	.3	.2	.1	-.3	-.6	-.6	-.8	-1.0	-1.1	-1.0	-.9	-.8	-.8	-.8	-.7	-.6	-.4	.5	1.0	.6	.4	.3	-.3	1.0
27	.4	.7	.7	.4	.1	-.1	-.7	-.4	-.8	-1.0	-1.1	-.9	-.6	-.6	-.8	-.6	-.6	-.5	-.4	.1	.6	.5	.3	1.1	-.2	1.1
28	1.1	1.7	.4	.9	.7	.7	-.2	-.1	-.5	-.8	-.8	-.6	-.7	-.5	-.7	-.5	-.5	-.4	-.3	-.2	.0	.1	.1	.1	.0	1.7
29	.4	.7	1.0	1.4	.5	.6	1.3	-.4	-.6	-.9	-1.0	-.9	-.8	-.7	-.7	-.6	-.6	-.6	-.5	-.4	-.3	-.4	-.3	.0	-.2	1.4
30	.4	.6	.5	-.1	.1	-.1	-.4	-.5	-.6	-.8	-1.0	-.9	-.7	-.6	-.7	-.6	-.4	-.4	-.4	-.4	-.2	.0	.3	.2	-.3	.6
31	.4	1.3	.3	.4	.2	.1	-.5	-.6	-.7	-.9	-1.1	-.8	-.6	-.6	-.6	-.5	-.5	-.5	-.2	1.0	1.0	.7	.7	.6	-.1	1.3
AV	.2	.4	.3	.3	.2	.2	-.2	-.4	-.6	-.8	-.9	-.7	-.6	-.6	-.6	-.5	-.5	-.5	-.3	.1	.3	.1	.1	.2	-.2	[ ]
SD	.4	.5	.5	.6	.4	.4	.4	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.6	.7	.5	.4	.5	.2	[ ]

OUTPT [VERSION N 28 JUL 76]

DELTA T (30M-10M)
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 24/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.6	1.7	1.7	1.4	1.0	.4	.6	-.2	-.4	-.9	-.9	-.8	-.7	-.6	-.6	-.5	-.4	-.4	-.3	.0	.3	.2	.3	.2	.1	1.7
2	1.4	1.5	.7	.9	1.2	1.1	.2	.0	-.5	-.9	-.8	-.5	-.4	-.5	-.6	-.4	-.4	-.3	-.2	-.1	.1	.3	.3	.6	.1	1.5
3	.7	.8	.9	.8	.9	.6	.0	-.2	-.5	-.7	-.8	-.7	-.5	-.4	-.5	-.5	-.4	-.3	-.2	-.1	.3	.4	.3	.2	.0	.9
4	.1	.3	.8	1.3	.9	.8	.2	-.2	-.5	-.8	-.8	-.7	-.6	-.6	-.5	-.5	-.3	-.3	-.2	-.1	.3	.3	.4	.7	.0	1.3
5	.7	1.1	1.2	.9	.6	.5	.3	-.1	-.5	-.7	-.8	-.7	-.5	-.5	-.4	-.4	-.3	-.3	-.2	-.1	.3	.3	.3	.9	.1	1.2
6	.5	1.5	1.3	1.1	1.0	.6	.2	-.2	-.5	-.7	-.8	-.5	-.4	-.5	-.6	-.4	-.3	-.3	-.2	-.1	.0	.0	.0	.0	.0	1.5
7	.0	.6	1.7	1.7	1.4	1.2	.4	.5	-.3	-.6	-.7	-.4	-.3	-.2	-.4	-.2	-.2	-.3	-.1	.1	.3	.1	.0	.4	.2	1.7
8	.7	1.4	.8	1.0	.8	.6	.2	.3	-.2	-.6	-.6	-.6	-.5	-.4	-.3	-.3	-.2	-.2	-.1	-.1	.1	.3	.2	.2	.1	1.4
9	.6	.6	.7	1.0	.9	1.1	.4	-.1	-.3	-.6	-.8	-.7	-.5	-.4	-.5	-.3	-.2	-.2	-.1	.1	.4	.4	.7	1.0	.1	1.1
10	.7	1.1	1.2	.5	1.4	.4	.1	.0	-.2	-.7	-.8	-.6	-.5	-.6	-.7	-.8	-1.0	-.5	-.2	-.1	.0	-.1	-.1	.5	.0	1.4
11	.6	.3	1.0	.6	.4	.1	-.1	-.2	-.3	-.8	-.8	-.8	-.6	-.4	-.6	-.4	-.3	-.3	-.2	-.2	-.2	-.2	-.1	-.2	-.2	1.0
12	-.1	.0	.1	.1	.5	.7	-.1	-.1	-.3	-.6	-.9	-.6	-.5	-.4	-.5	-.4	-.3	-.4	-.3	-.2	-.1	-.1	-.1	-.1	-.2	.7
13	.0	.1	.0	.0	.1	.2	.0	-.1	-.4	-.6	-.7	-.6	-.5	-.5	-.5	-.4	-.4	-.5	-.4	-.5	-.5	-.5	-.5	-.8	-.5	.2
14	-.6	-.5	-.6	-.5	-.5	-.6	-.8	-.7	-.8	-1.1	-1.1	-.8	-.7	-.7	-.8	-.5	-.5	-.4	-.3	-.3	-.2	-.1	.6	.6	-.5	.6
15	.5	.0	.1	.1	-.1	-.3	-.6	-.5	-.7	-1.0	-1.0	-.7	-.6	-.6	-.6	-.5	-.3	-.4	-.2	-.2	.0	.0	.0	-.1	-.3	.5
16	.0	.0	.2	.5	.6	1.1	.0	.0	-.2	-.4	-.5	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.3	-.2	-.2	-.1	-.1	-.3	-.1	1.1
17	-.2	.0	.2	.1	.1	.1	-.4	-.3	-.5	-.7	-.9	-.6	-.5	-.7	-.6	-.4	-.3	-.4	-.3	-.1	.4	.3	-.2	.1	-.2	.4
18	-.1	.7	.2	.1	-.1	.0	-.5	-.5	-.7	-.9	-.9	-.8	-.4	-.5	-.5	-.4	-.4	-.3	-.2	-.2	-.1	.0	.3	.9	-.2	.9
19	1.1	.1	.6	.5	.5	-.1	-.3	-.3	-.5	-.6	-.9	-.5	-.4	-.4	-.5	-.4	-.3	-.3	-.1	1.0	.8	1.3	1.5	1.5	.1	1.5
20	1.6	1.6	1.0	1.4	.7	1.0	.2	.0	-.3	-.7	-.8	-.7	-.3	-.3	-.5	-.2	-.2	-.2	-.1	.0	.2	.1	.3	.4	.2	1.6
21	.5	.5	1.0	.8	.7	1.4	2.2	1.1	-.2	-.5	-.7	-.5	-.4	-.4	-.4	-.3	-.3	-.2	-.1	.0	.1	.1	.1	.1	.2	2.2
22	.2	.1	.1	.0	.0	.1	.1	.1	-.1	-.6	-.6	.0	-.2	-.6	-.6	-.5	-.5	-.5	-.4	-.3	-.2	-.2	-.2	-.1	-.2	.2
23	.4	.4	-.2	-.2	.1	-.1	.3	-.5	-.6	-.9	-.9	-.7	-.5	-.5	-.6	-.5	-.4	-.4	-.4	-.3	-.3	-.2	.4	.3	-.3	.4
24	.0	.7	.5	.2	.3	.1	-.5	-.6	-.7	-1.0	-1.0	-.7	-.6	-.5	-.6	-.5	-.5	-.4	-.3	-.2	-.1	-.1	.0	.2	-.3	.7
25	.0	.4	.7	.8	.9	.4	.0	-.3	-.6	-.8	-.9	-.6	-.5	-.5	-.6	-.4	-.4	-.3	-.2	-.2	-.1	.1	.2	.1	-.1	.9
26	.4	.9	.4	.0	.0	-.2	-.2	-.2	-.5	-.8	-1.0	-.8	-.6	-.6	-.4	-.6	-.6	-.5	-.4	-.1	1.1	.3	.3	.8	-.1	1.1
27	.6	.8	.7	.5	.4	.4	-.3	-.4	-.5	-.8	-.9	-.6	-.5	-.5	-.5	-.5	-.4	-.5	-.3	-.2	.0	.0	.7	1.8	.0	1.8
28	.6	1.1	.9	.4	.9	.7	-.2	-.2	-.5	-.8	-1.0	-.6	-.6	-.6	-.7	-.4	-.7	-.4	-.3	.3	1.5	2.1	1.0	.9	.1	2.1
29	.5	1.3	1.1	.9	.8	.6	.0	-.2	-.5	-.8	-1.0	-.8	-.5	-.5	-.6	-.4	-.4	-.4	-.3	-.3	-.1	-.1	-.1	-.1	-.1	1.3
30	-.1	.1	.1	.2	.8	.8	.0	-.1	-.4	-.6	-.7	-.7	-.6	-.5	-.6	-.5	-.4	-.4	.6	.2	.4	.3	.4	.2	-.1	.8
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	.4	.6	.6	.6	.6	.5	.0	-.1	-.4	-.7	-.8	-.6	-.5	-.5	-.5	-.4	-.4	-.4	-.2	-.1	.2	.2	.2	.4	-.1	[ ]
SD	.5	.6	.5	.5	.5	.5	.5	.3	.2	.2	.1	.2	.1	.1	.1	.1	.2	.1	.2	.3	.4	.5	.4	.5	.2	[ ]

OUTPT [VERSION N 28 JUL 76]

DELTA T (30M-10M)
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.1	.2	.0	.4	.6	.6	.0	-.1	.1	-.6	-.6	-.5	-.4	-.4	-.4	-.4	-.4	-.3	-.1	.1	.4	.6	.3	1.1	.0	1.1
2	.3	.1	.2	.1	.8	.2	.1	.0	-.4	-.7	-.8	-.7	-.6	-.4	-.5	-.3	-.3	-.3	-.2	.0	.0	.0	.1	.5	-.1	.8
3	-.1	.7	1.3	.7	.7	.3	.0	-.2	-.5	-.9	-.9	-.8	-.7	-.6	-.6	-.5	-.5	-.4	-.3	.1	.5	1.1	1.1	1.0	.0	1.3
4	.8	.8	1.1	1.0	.5	.5	-.3	-.2	-.5	-.9	-.9	-.6	-.5	-.5	-.6	-.5	-.4	-.5	-.3	1.0	1.5	-.4	.3	.0	.1	1.5
5	1.3	1.0	1.1	1.0	1.1	.7	-.1	-.2	-.4	-.8	-.8	-.6	-.4	-.4	-.7	-.4	-.4	-.4	-.3	.5	2.0	.6	.9	1.0	.2	2.0
6	.3	1.0	.5	.6	.9	.4	.5	-.1	-.5	-.9	-.8	-.6	-.5	-.5	-.6	-.4	-.5	-.4	-.2	-.2	.1	.5	.8	.5	.0	1.0
7	.5	.8	.6	.7	.6	.8	.4	.1	-.5	-.7	-.7	-.5	-.5	-.5	-.5	-.4	-.3	-.4	-.3	-.2	.0	.0	.0	-.1	.0	.8
8	-.1	.5	1.2	1.3	1.1	1.0	.2	.0	-.4	-.7	-.7	-.5	-.4	-.5	-.4	-.4	-.5	-.4	-.3	-.1	.2	.1	.2	.3	.0	1.3
9	.6	.5	.7	.8	.5	.3	1.0	1.3	-.3	-.6	-.7	-.5	-.5	-.5	-.6	-.4	-.3	-.3	-.3	.2	.6	.1	-.1	.0	.1	1.3
10	.0	.1	.5	.7	1.0	.8	.4	-.1	-.4	-.7	-.7	-.6	-.6	-.4	-.6	-.4	-.3	-.3	-.2	.0	.0	-.1	-.1	.1	-.1	1.0
11	.8	.7	1.2	.7	.9	.5	-.1	-.2	-.4	-.8	-.9	-.5	-.5	-.5	-.5	-.3	-.3	-.3	-.2	-.1	.2	.2	.3	.1	.0	1.2
12	.0	.1	.2	.0	.0	.1	-.1	-.2	-.3	-.6	-.7	-.5	-.4	-.5	-.5	-.4	-.2	-.3	-.1	-.2	-.1	.2	.1	.0	-.2	.2
13	.7	.4	.4	.7	1.0	.5	-.1	-.2	-.5	-.7	-.8	-.7	-.5	-.6	-.6	-.5	-.5	-.4	-.2	.2	.9	.6	.0	1.4	.0	1.4
14	.5	.4	.8	1.0	.4	.7	.2	-.3	-.5	-.7	-.9	-.8	-.5	-.4	-.5	-.4	-.4	-.5	-.3	-.1	.3	.2	.3	.2	-.1	1.0
15	.3	.8	.6	.7	.6	.5	-.1	-.1	-.4	-.8	-1.0	-.8	-.5	-.6	-.6	-.5	-.4	-.4	-.3	.9	1.1	1.4	1.2	1.1	.1	1.4
16	.7	.9	.6	.8	.8	.4	.8	.5	-.4	-.9	-.8	-.5	-.6	-.5	-.7	-.5	-.4	-.4	-.2	.0	.9	.3	.0	.0	.0	.9
17	-.1	.5	.4	1.0	.5	.7	.4	.0	-.3	-.6	-.7	-.5	-.5	-.5	-.5	-.4	-.4	-.3	-.2	-.3	-.1	-.2	-.1	-.2	-.1	1.0
18	-.1	-.1	.0	.2	.5	.4	-.1	-.3	-.5	-.7	-.7	-.6	-.6	-.5	-.6	-.5	-.5	-.5	-.4	-.3	-.2	-.1	-.1	-.1	-.3	.5
19	-.1	.0	-.1	.2	.4	.4	-.1	-.2	-.5	-.8	-.8	-.5	-.4	-.5	-.6	-.4	-.3	-.3	-.2	-.2	-.1	-.2	.7	.1	-.2	.7
20	-.1	.0	.4	.2	.4	.1	-.2	-.2	-.4	-.8	-.9	-.6	-.4	-.4	-.6	-.3	-.3	-.3	-.1	.1	.2	.0	.6	.8	-.1	.8
21	.6	.4	.5	.7	.4	.4	-.1	-.2	-.4	-.8	-.7	-.6	-.5	-.4	-.5	-.3	-.4	-.3	-.2	.2	.2	.3	.8	.5	.0	.8
22	.2	.5	.6	.7	.6	.4	-.1	-.1	-.3	-.6	-.8	-.6	-.4	-.4	-.4	-.4	-.3	-.3	-.2	-.2	.3	.9	.8	.6	.0	.9
23	.3	.6	1.0	.8	.8	.8	.4	-.1	-.3	-.7	-.8	-.6	-.4	-.4	-.4	-.4	-.4	-.2	.1	.7	.3	.2	.1	.2	.1	1.0
24	.7	.9	1.0	.9	.8	.4	.4	.0	-.3	-.5	-.8	-.7	-.4	-.5	-.5	-.3	-.3	-.2	-.1	.0	.2	.0	.2	.1	.0	1.0
25	.1	.3	.5	.2	.2	.1	.0	.0	-.3	-.4	-.6	-.7	-.5	-.5	-.5	-.3	-.4	-.4	-.2	-.2	-.1	.0	.0	.0	-.2	.3
26	.0	.2	.5	.5	.2	-.1	.0	-.1	-.4	-.7	-.7	-.7	-.5	-.5	-.6	-.5	-.4	-.3	-.2	-.1	.1	.1	.0	.1	-.2	.5
27	.2	.1	.1	.2	.2	.5	.3	.0	-.3	-.7	-.8	-.6	-.4	-.4	-.6	-.5	-.4	-.3	-.1	.1	.7	1.1	.7	.7	.0	1.1
28	.7	.7	.9	1.0	.7	.5	.3	.1	-.3	-.5	-.6	-.3	-.5	-.3	-.4	-.3	-.3	-.3	-.1	.0	.3	.9	.4	.3	.1	1.0
29	.9	.6	.9	.7	.3	.6	.3	.1	-.2	-.5	-.8	-.6	-.4	-.3	-.4	-.3	-.3	-.3	-.2	.0	.3	.3	.2	.1	.0	.9
30	.0	.1	.2	.1	.4	.3	.2	-.1	-.3	-.6	-.7	-.7	-.5	-.5	-.5	-.4	-.3	-.3	-.1	-.1	.0	.0	.0	-.1	-.2	.4
31	.0	.0	.0	-.1	-.1	.0	-.1	-.1	-.4	-.7	-.7	-.6	-.4	-.5	-.5	-.3	-.3	-.3	-.2	-.2	-.2	-.2	.0	.0	-.2	.0
AV	.3	.4	.6	.6	.6	.4	.1	.0	-.4	-.7	-.8	-.6	-.5	-.5	-.5	-.4	-.4	-.3	-.2	.1	.3	.3	.3	.4	.0	[ ]
SD	.4	.3	.4	.3	.3	.2	.3	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	.5	.4	.4	.4	.1	[ ]

OUTPT [VERSION N 28 JUL 76]

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1976

AEROVIRONMENT INC.

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**********************
*                    *
*  PRELIMINARY DATA  *
*  AS OF 19/SEP/76   *
*                    *
**********************
*                    *
*    SUBJECT TO      *
*     REVISION       *
*                    *
**********************
```

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	6	7	9	8	7	7	6	8	9	9	9	10	10	10	10	11	11	13	10	4	4	4	6	6	8	13
2	8	4	4	6	7	6	8	11	11	11	11	12	11	11	11	11	11	10	8	5	7	5	5	5	8	12
3	7	9	8	7	7	6	7	7	8	9	10	11	12	12	10	12	10	10	7	6	4	6	8	11	9	12
4	8	5	5	5	6	7	6	5	7	10	13	15	14	8	11	12	12	11	10	12	9	5	4	4	9	15
5	5	5	5	6	8	7	7	6	11	13	13	13	13	12	12	11	11	11	11	9	8	10	10	9	10	13
6	7	8	9	5	6	7	6	6	8	10	10	8	8	10	10	11	7	6	6	5	6	6	6	7	7	11
7	10	6	4	3	4	5	7	7	7	5	5	9	9	9	8	8	8	8	8	6	5	4	7	9	7	10
8	6	5	7	7	8	5	6	8	8	8	8	5	6	6	6	5	5	4	6	9	8	8	5	8	7	9
9	5	4	4	3	8	11	7	7	8	8	9	10	11	11	11	10	11	8	8	7	6	6	6	8	8	11
10	10	9	8	9	8	9	9	8	7	7	7	7	7	7	7	10	9	8	7	5	3	5	3	3	7	10
11	4	6	6	6	8	9	9	9	9	10	11	12	12	11	10	11	10	10	10	9	9	9	7	7	9	12
12	6	5	6	6	7	7	7	8	8	9	7	6	6	6	7	7	8	6	6	9	5	6	8	8	7	9
13	9	9	7	5	4	6	5	8	9	8	10	10	11	11	12	10	10	9	8	4	6	7	8	9	8	12
14	9	9	8	7	5	6	7	8	10	10	11	11	10	14	14	13	12	13	13	6	4	4	5	6	9	14
15	8	10	8	8	6	6	6	10	7	6	8	7	8	8	9	8	7	7	7	7	7	7	8	9	8	10
16	7	6	5	5	6	6	8	8	9	9	9	10	12	11	12	13	13	13	11	6	8	8	6	5	9	13
17	6	5	7	5	6	7	9	11	11	10	10	10	11	11	11	11	11	12	9	6	5	5	5	7	8	12
18	5	5	6	7	8	8	9	10	11	11	10	12	12	11	12	11	10	8	10	10	8	6	4	5	9	12
19	5	5	6	9	6	7	11	7	11	12	9	10	9	6	7	9	7	5	5	6	6	7	11	9	8	12
20	6	6	6	7	6	4	6	7	9	9	9	7	8	6	7	9	6	5	4	6	5	7	7	11	7	11
21	6	5	5	6	7	8	9	9	8	7	6	5	5	5	9	6	6	5	5	5	8	9	8	5	7	9
22	6	6	7	8	4	5	5	7	9	8	8	10	9	8	7	7	9	5	5	7	6	7	6	6	7	10
23	5	5	5	5	6	7	5	6	7	10	11	11	11	10	10	9	9	8	6	8	7	7	9	8	8	11
24	8	7	8	9	8	8	5	9	9	10	11	11	11	9	8	12	8	6	7	7	6	6	7	8	8	12
25	9	10	9	7	7	7	7	8	8	9	9	10	10	11	10	10	10	10	9	6	7	6	8	9	9	11
26	6	6	6	6	6	6	6	9	11	12	12	12	9	9	9	8	10	12	14	7	11	10	8	8	9	14
27	8	8	9	8	8	7	8	10	8	8	10	11	11	10	11	11	11	11	11	8	3	5	6	8	9	11
28	9	12	14	11	8	10	12	14	14	10	10	9	9	12	13	12	12	14	9	6	5	4	5	7	10	14
29	5	5	6	7	7	9	8	9	10	10	11	11	11	11	10	10	13	10	12	12	8	7	6	7	9	13
30	9	7	6	5	6	7	7	9	8	9	10	10	10	10	9	9	9	7	7	6	6	7	7	7	8	10
31	7	8	8	9	9	7	10	9	9	14	11	12	12	12	12	12	12	11	8	6	5	9	5	5	9	14
AV	7	7	7	7	7	7	7	8	9	9	10	10	10	10	10	10	10	9	8	7	6	7	7	7	8 [ ]	
SD	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	1 [ ]	

OUTPT [VERSION N 28 JUL 76]

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	6	6	7	7	8	9	9	10	8	9	10	13	11	12	10	8	5	4	3	2	3	7	13
2	4	5	5	6	7	7	8	8	8	7	10	10	9	11	11	8	8	8	9	13	7	4	5	4	8	13
3	5	5	5	6	8	7	7	7	8	8	7	6	7	10	11	8	8	9	8	7	5	4	3	4	7	11
4	5	4	5	6	6	7	7	7	7	9	7	10	10	9	11	11	10	10	12	14	8	4	2	3	8	14
5	3	3	4	4	5	5	6	7	8	8	9	9	10	11	11	9	9	8	6	5	4	2	3	3	6	11
6	3	4	4	4	4	5	7	8	9	10	7	9	7	6	8	8	7	7	7	7	6	5	6	7	6	10
7	9	8	5	5	5	6	7	8	9	9	10	10	8	9	11	10	8	7	6	5	4	5	5	4	7	11
8	5	6	7	7	9	9	10	9	8	8	8	11	8	8	9	9	11	10	13	10	12	5	7	5	9	13
9	7	6	6	6	6	7	7	7	8	9	11	10	8	9	10	10	10	10	7	9	7	3	2	4	7	11
10	6	7	7	8	7	5	4	8	6	7	8	9	8	7	8	8	7	7	7	6	7	8	8	8	7	9
11	6	5	5	5	6	6	9	11	11	10	11	10	13	10	11	12	12	10	10	10	7	7	5	5	9	13
12	6	6	6	6	5	6	8	8	10	10	11	12	12	13	13	13	12	13	13	14	13	12	10	7	10	14
13	5	3	5	7	6	4	3	5	8	8	7	7	7	7	7	7	8	9	9	8	7	6	6	7	7	9
14	7	6	8	9	7	5	5	7	8	9	9	9	10	10	10	10	11	10	9	5	5	5	7	9	8	11
15	11	10	5	5	7	7	9	8	7	7	6	7	6	6	7	7	7	7	6	6	5	5	5	5	7	11
16	5	6	10	10	7	7	6	7	7	8	7	8	8	10	11	12	13	13	11	10	11	10	10	7	9	13
17	8	7	7	7	7	7	7	8	10	9	10	10	10	10	9	8	7	7	5	4	5	7	6	4	7	10
18	4	7	6	5	8	8	9	9	10	12	12	12	11	10	9	8	8	7	6	7	7	7	5	6	8	12
19	6	6	7	6	7	7	9	8	9	10	9	9	9	8	7	7	7	7	6	8	7	7	7	7	8	10
20	8	9	9	9	9	9	8	8	7	8	8	8	8	9	11	11	12	7	7	6	6	6	8	6	8	12
21	5	5	4	4	5	5	5	6	9	11	10	11	11	12	13	12	12	12	12	6	6	6	6	5	8	13
22	5	5	7	7	6	6	6	7	7	6	7	8	9	7	7	7	7	10	9	6	5	6	8	8	7	10
23	6	8	5	4	7	6	7	10	11	11	10	10	11	10	9	10	8	9	9	9	8	10	8	9	9	11
24	7	7	8	9	9	7	8	8	9	10	11	10	11	11	11	10	10	11	9	9	9	10	11	6	9	11
25	4	5	5	6	7	6	6	7	7	7	8	8	11	10	11	13	11	13	13	11	10	12	4	5	8	13
26	5	5	7	9	8	7	8	9	10	10	11	11	11	10	9	8	8	7	7	8	7	9	8	7	8	11
27	9	8	9	7	8	8	6	7	10	9	10	10	9	10	10	11	11	12	9	7	7	8	8	9	9	12
28	9	9	10	8	8	9	11	12	11	11	12	12	12	11	11	10	10	9	7	5	7	9	9	8	10	12
29	9	11	11	8	7	6	5	7	9	9	9	9	9	10	10	8	7	7	8	7	7	6	6	6	8	11
30	7	8	6	9	7	7	7	9	12	11	9	9	8	9	9	8	9	9	9	8	7	7	6	4	8	12
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	6	6	6	7	7	7	7	8	9	9	9	9	9	9	10	9	9	9	9	8	7	7	6	6	8	[ ]
SD	2	2	2	2	1	1	2	1	1	1	2	1	2	2	2	2	2	2	2	3	2	3	2	2	1	[ ]

OUTPT (VERSION N 28 JUL 76)

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1976

AEROVIRONMENT INC.

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**********************
*                    *
*  PRELIMINARY DATA  *
*  AS OF 19/SEP/76   *
*                    *
**********************
*                    *
*    SUBJECT TO      *
*     REVISION       *
*                    *
**********************
```

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	6	5	6	8	8	8	7	7	8	9	8	9	10	10	11	10	8	7	3	4	6	6	7	11
2	7	10	8	8	8	6	4	4	5	6	7	9	10	12	13	12	10	10	10	10	9	8	9	7	8	13
3	7	6	6	6	5	7	8	10	9	11	12	13	13	12	12	9	8	8	7	6	6	4	5	7	8	13
4	9	7	6	6	5	6	6	8	10	9	9	9	10	9	11	9	10	8	7	6	3	6	5	5	7	11
5	5	5	5	6	6	7	7	9	9	12	14	13	12	12	10	9	8	7	5	5	7	5	8	8	8	14
6	8	9	8	6	7	8	9	10	10	11	11	12	12	13	13	12	12	11	11	9	9	4	7	8	10	13
7	6	6	8	8	7	7	7	7	8	8	8	7	7	7	7	8	9	8	6	8	8	7	5	6	7	9
8	6	6	7	9	7	8	8	8	10	10	9	9	9	9	10	10	11	10	9	9	5	4	4	6	8	11
9	6	4	4	4	4	5	5	8	8	9	10	12	11	10	11	13	11	10	9	9	5	4	4	6	8	13
10	5	6	7	4	6	7	8	8	8	8	8	8	9	10	10	9	8	9	9	7	8	8	8	7	8	10
11	5	5	7	9	8	11	10	11	11	10	11	10	10	10	10	9	9	8	8	8	4	5	5	5	8	11
12	4	6	5	5	6	9	5	5	7	8	9	10	12	11	9	7	5	5	7	9	7	7	7	7	7	12
13	8	5	4	5	7	5	8	9	10	11	11	12	13	13	12	12	10	10	10	8	7	7	8	8	9	13
14	6	6	8	9	9	10	10	11	11	11	11	11	9	9	8	9	10	9	10	9	7	6	5	6	9	11
15	5	5	5	6	5	7	7	8	9	11	11	12	12	12	14	11	9	8	7	7	7	8	8	8	8	14
16	6	5	5	4	4	5	7	8	10	11	10	11	10	10	10	11	11	9	7	4	6	4	5	5	7	11
17	6	6	5	5	6	6	5	8	10	10	9	10	10	8	8	9	9	10	8	9	7	6	5	5	8	10
18	5	6	7	4	6	7	9	11	11	11	10	8	9	9	9	9	9	8	8	6	6	7	8	6	8	11
19	9	11	8	5	5	4	4	6	8	10	11	11	10	9	8	6	9	9	5	5	6	8	5	6	7	11
20	9	9	6	8	8	8	8	8	8	9	9	9	9	9	10	8	8	10	7	4	5	5	6	8	8	10
21	7	7	8	9	10	11	12	11	11	11	10	11	11	11	11	10	9	6	6	8	9	11	9	5	9	12
22	10	8	6	6	7	9	10	9	9	9	10	11	12	12	11	11	10	9	8	7	5	6	8	13	9	13
23	13	10	8	11	12	12	12	12	12	10	11	10	10	10	10	10	9	6	6	7	6	7	6	6	9	13
24	8	10	11	11	11	12	10	7	7	7	8	10	11	12	11	10	8	7	8	5	5	6	5	4	9	12
25	4	4	4	5	5	6	8	6	5	6	7	8	9	7	6	9	9	7	5	6	6	6	5	5	6	9
26	6	5	5	5	5	9	8	6	6	7	8	8	9	10	10	7	9	8	7	5	5	5	6	5	7	10
27	5	5	6	4	5	7	8	9	10	12	11	11	10	9	8	8	7	7	7	7	8	6	5	6	8	12
28	7	7	8	6	5	7	8	9	10	9	10	9	9	9	8	7	8	8	9	9	8	7	8	8	8	10
29	8	8	8	9	9	9	9	9	7	7	8	9	10	10	11	10	8	6	6	5	6	7	5	6	8	11
30	5	5	5	5	8	7	8	7	9	9	9	10	10	10	10	9	8	8	9	11	8	8	7	6	8	11
31	8	7	9	9	8	7	6	8	9	9	10	10	11	11	11	11	8	8	9	8	8	7	6	5	8	11
AV	7	7	7	7	7	8	8	8	9	9	10	10	10	10	10	9	9	8	8	7	6	6	6	6	8	[ ]
SD	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1	1	2	2	2	2	1	2	1	[ ]

OUTPT (VERSION N 28 JUL 76)

SIGMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.16	.18	.18	.16	.18	.16	.18	.28	.38	.48	.58	.70	.74	.74	.74	.76	.74	.62	.38	.20	.42	.58	.52	.54	.44	.76
2	.42	.34	.26	.18	.18	.18	.20	.28	.36	.54	.64	.66	.68	.78	.66	.54	.54	.40	.24	.18	.18	.20	.20	.18	.38	.78
3	.18	.20	.20	.18	.18	.18	.18	.24	.34	.52	.54	.60	.58	.76	.90	.82	.80	.88	.72	.58	.46	.76	.46	.64	.50	.90
4	.60	.70	.62	.64	.52	.72	.92	.90	.98	.98	.98	.98	.94	.90	.82	.92	.82	.80	.80	.56	.48	.56	.48	.40	.76	.98
5	.34	.22	.20	.20	.20	.18	.20	.26	.46	.64	.60	.74	.84	.86	.84	.78	.66	.66	.84	.34	.20	.46	.66	.74	.50	.86
6	.68	.66	.38	.32	.42	.26	.20	.22	.36	.44	.74	.66	.70	.44	.52	.58	.46	.28	.22	.26	.32	.24	.20	.24	.40	.74
7	.18	.18	.18	.18	.18	.18	.18	.18	.20	.40	.52	.44	.62	.66	.52	.62	.44	.40	.62	.40	.32	.28	.20	.20	.34	.66
8	.38	.74	.68	.52	.28	.18	.26	.32	.30	.40	.44	.40	.62	.60	.68	.76	.72	.40	.28	.28	.24	.22	.34	.28	.44	.76
9	.38	.46	.38	.24	.30	.24	.22	.22	.36	.46	.58	.64	.64	.64	.62	.64	.68	.62	.70	.70	.86	.90	.70	.24	.52	.90
10	.20	.20	.18	.22	.20	.18	.20	.28	.40	.52	.56	.60	.66	.72	.68	.60	.48	.38	.26	.20	.20	.30	.36	.38	.38	.72
11	.26	.28	.44	.36	.26	.20	.24	.22	.24	.44	.68	.88	.84	.78	.82	.94	.94	.96	.98	.98	.98	.98	.90	.66	.64	.98
12	.58	.32	.20	.24	.18	.28	.26	.26	.46	.58	.84	.86	.88	.82	.78	.78	.70	.66	.62	.36	.24	.22	.22	.26	.46	.88
13	.20	.18	.18	.18	.18	.18	.18	.24	.34	.50	.52	.60	.66	.68	.72	.56	.52	.48	.34	.26	.24	.24	.26	.28	.36	.72
14	.34	.24	.20	.18	.18	.18	.18	.24	.34	.54	.56	.56	.60	.68	.72	.90	.92	.86	.74	.54	.56	.58	.64	.54	.50	.92
15	.76	.74	.50	.52	.40	.48	.66	.66	.70	.76	.84	.76	.78	.92	.92	.94	.86	.82	.92	.86	.88	.86	.68	.64	.74	.94
16	.52	.46	.30	.28	.32	.40	.40	.52	.60	.72	.76	.70	.76	.66	.72	.74	.66	.50	.34	.22	.18	.18	.18	.18	.48	.76
17	.44	.42	.40	.40	.40	.40	.42	.42	.46	.58	.62	.64	.68	.72	.68	.70	.62	.56	.28	.20	.34	.58	.56	.40	.50	.72
18	.32	.24	.20	.20	.20	.36	.28	.28	.32	.54	.62	.74	.78	.92	.90	.94	.74	.76	.82	.72	.68	.54	.50	.34	.54	.94
19	.44	.30	.34	.72	.46	.38	.40	.48	.60	.54	.74	.58	.68	.78	.52	.68	.80	.56	.48	.58	.74	.66	.56	.34	.56	.80
20	.28	.24	.28	.24	.30	.56	.46	.26	.52	.62	.72	.70	.56	.62	.72	.72	.66	.48	.34	.34	.34	.32	.48	.42	.46	.72
21	.44	.46	.30	.34	.28	.28	.20	.26	.40	.40	.60	.76	.80	.56	.40	.30	.28	.24	.20	.18	.34	.36	.28	.30	.38	.80
22	.28	.22	.42	.44	.44	.44	.42	.44	.26	.36	.46	.60	.68	.56	.62	.58	.90	.90	.76	.50	.18	.18	.26	.34	.46	.90
23	.44	.44	.44	.44	.42	.42	.44	.44	.48	.50	.60	.64	.64	.70	.70	.62	.60	.42	.36	.38	.34	.22	.48	.50	.48	.70
24	.30	.32	.24	.32	.38	.22	.22	.34	.50	.56	.64	.64	.46	.60	.76	.78	.64	.44	.30	.24	.28	.36	.34	.28	.42	.78
25	.22	.24	.40	.42	.40	.40	.40	.44	.40	.52	.58	.70	.88	.76	.92	.82	.50	.48	.42	.38	.40	.26	.24	.24	.48	.92
26	.18	.20	.34	.40	.40	.40	.42	.42	.44	.64	.66	.70	.76	.70	.78	.68	.66	.48	.30	.20	.22	.20	.18	.18	.44	.78
27	.18	.20	.28	.42	.42	.42	.42	.32	.40	.56	.66	.68	.78	.76	.80	.74	.52	.58	.52	.40	.24	.26	.30	.38	.46	.80
28	.40	.30	.20	.20	.18	.18	.20	.20	.38	.54	.58	.62	.66	.76	.90	.12	.90	.90	.88	.84	.66	.44	.44	.50	.50	.90
29	.32	.20	.20	.24	.24	.32	.24	.28	.40	.52	.62	.66	.72	.70	.74	.86	.90	.88	.90	.72	.66	.72	.38	.24	.52	.90
30	.24	.24	.28	.30	.36	.42	.44	.52	.44	.40	.52	.70	.66	.66	.56	.62	.68	.58	.68	.80	.52	.34	.20	.24	.48	.80
31	.38	.44	.44	.42	.40	.40	.42	.44	.42	.50	.54	.64	.74	.72	.72	.82	.88	.74	.36	.24	.28	.28	.34	.28	.50	.88
AV	.36	.34	.32	.32	.30	.32	.32	.36	.42	.54	.64	.68	.72	.72	.72	.70	.68	.60	.54	.44	.42	.42	.40	.36	.48	( )
SD	.17	.17	.13	.14	.11	.13	.16	.15	.14	.12	.11	.11	.10	.11	.13	.18	.16	.20	.25	.23	.22	.23	.18	.15	.09	( )

OUTPT (VERSION N 28 JUL 76)

SIGMA-W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.22	.24	.18	.18	.24	.18	.14	.24	.36	.46	.72	.72	.62	.84	.86	.90	.92	.86	.68	.36	.32	.42	.42	.42	.48	.92
2	.52	.40	.26	.18	.18	.16	.18	.20	.40	.48	.56	.58	.78	.66	.86	.80	.84	.76	.78	.84	.74	.42	.44	.44	.52	.86
3	.52	.32	.24	.20	.16	.16	.16	.24	.34	.84	.98	.96	.96	.98	.98	.98	.96	.96	.96	.88	.60	.42	.48	.56	.62	.98
4	.48	.46	.30	.18	.14	.18	.16	.24	.50	.56	.80	.92	.92	.90	.90	.88	.88	.88	.88	.84	.88	.40	.36	.34	.58	.92
5	.28	.34	.22	.16	.14	.14	.14	.22	.46	.56	.74	.80	.86	.90	.90	.86	.88	.78	.72	.46	.28	.28	.32	.40	.50	.90
6	.20	.22	.22	.22	.18	.16	.18	.26	.48	.60	.82	.72	.90	.90	.86	.84	.74	.80	.92	.88	.78	.82	.84	.84	.60	.92
7	.60	.34	.28	.20	.22	.18	.18	.22	.60	.82	.80	.86	.66	.74	.86	.88	.90	.84	.72	.56	.48	.56	.60	.38	.56	.90
8	.32	.28	.24	.18	.18	.14	.16	.24	.70	.84	.88	.94	.98	.98	.90	.86	.96	.92	.86	.86	.68	.42	.32	.30	.58	.98
9	.26	.26	.30	.20	.18	.16	.16	.24	.46	.42	.68	.92	.92	.92	.92	.96	.96	.96	.96	.92	.62	.30	.32	.28	.56	.96
10	.14	.16	.26	.14	.26	.52	.48	.70	.90	.94	.96	.98	.98	.98	.98	.98	.98	.98	.98	.96	.84	.66	.66	.24	.70	.98
11	.18	.28	.14	.20	.34	.36	.54	.72	.62	.98	.98	.98	.92	.82	.92	.92	.92	.94	.92	.88	.46	.50	.52	.72	.66	.98
12	.60	.56	.42	.28	.22	.18	.50	.60	.72	.82	.78	.82	.82	.92	.88	.88	.78	.82	.80	.86	.86	.62	.46	.32	.64	.92
13	.32	.40	.62	.46	.34	.28	.30	.32	.46	.44	.62	.72	.86	.82	.64	.72	.92	.88	.72	.62	.44	.30	.26	.34	.54	.92
14	.28	.34	.34	.38	.54	.52	.56	.76	.82	.78	.76	.80	.78	.76	.70	.74	.74	.64	.54	.74	.56	.34	.14	.16	.59	.82
15	.20	.14	.20	.14	.12	.12	.20	.32	.46	.60	.68	.76	.78	.78	.72	.72	.72	.56	.38	.50	.74	.70	.74	.74	.50	.79
16	.60	.72	.60	.32	.32	.22	.62	.66	.68	.52	.36	.34	.78	.90	.88	.88	.92	.90	.84	.90	.90	.82	.80	.86	.68	.92
17	.48	.26	.12	.14	.18	.14	.28	.42	.38	.44	.62	.80	.78	.78	.68	.62	.66	.44	.40	.28	.26	.24	.34	.20	.42	.80
18	.22	.16	.18	.10	.10	.12	.18	.36	.50	.54	.74	.84	.90	.92	.80	.74	.72	.62	.60	.70	.70	.46	.28	.18	.48	.92
19	.14	.14	.18	.18	.16	.12	.18	.32	.56	.66	.68	.66	.70	.76	.76	.66	.66	.54	.38	.14	.16	.22	.14	.16	.38	.76
20	.14	.12	.10	.12	.12	.12	.12	.22	.38	.56	.60	.72	.86	.92	.96	.96	.96	.98	.98	.92	.78	.90	.78	.48	.56	.98
21	.52	.54	.42	.28	.30	.38	.50	.32	.46	.56	.86	.96	.96	.92	.92	.92	.92	.92	.92	.90	.78	.78	.76	.72	.68	.96
22	.46	.70	.78	.94	.98	.80	.70	.68	.82	.86	.78	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.78	.98
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	.54	.64	.66	.26	.48	.32	.34	.46	.62	.82	.74	.64	.34	.14	.50	.82
28	.12	.14	.22	.10	.10	.18	.14	.30	.26	.48	.24	.28	.40	.32	.42	.48	.42	.34	.20	.26	.22	.16	.24	.20	.26	.48
29	.44	.24	.12	.12	.12	.10	.12	.48	.56	.48	.40	.38	.42	.40	.36	.42	.32	.26	.48	.44	.46	.60	.36	.32	.34	.60
30	.38	.36	.46	.36	.20	.32	.26	.32	.32	.90	.88	.88	.90	.94	.96	.90	.86	.82	.42	.44	.28	.50	.38	.48	.56	.96
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	.34	.32	.30	.24	.24	.24	.28	.38	.54	.64	.72	.76	.80	.80	.80	.80	.80	.76	.70	.68	.58	.50	.46	.40	.54	[ ]
SD	.16	.16	.17	.17	.18	.16	.18	.18	.17	.18	.18	.19	.15	.19	.17	.17	.19	.21	.22	.24	.23	.20	.20	.21	.11	[ ]

OUTPT [VERSION N 28 JUL 76]

SIGMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.66	.60	.62	.38	.18	.14	.26	.66	.74	.74	.64	.62	.74	.64	.84	.86	.86	.82	.72	.48	.24	.38	.44	.24	.56	.86
2	.14	.32	.52	.42	.22	.26	.32	.28	.34	.58	.60	.76	.78	.80	.86	.88	.86	.90	.62	.46	.64	.78	.56	.30	.56	.90
3	.48	.22	.22	.18	.22	.26	.16	.32	.70	.52	.54	.64	.72	.68	.82	.70	.58	.50	.46	.26	.34	.20	.22	.14	.42	.82
4	.14	.10	.12	.12	.16	.10	.14	.24	.32	.42	.46	.54	.62	.70	.70	.72	.84	.86	.72	.56	.24	.16	.18	.18	.38	.86
5	.18	.18	.14	.12	.10	.10	.14	.20	.32	.54	.60	.64	.70	.68	.80	.72	.66	.56	.42	.24	.20	.26	.20	.20	.38	.80
6	.32	.18	.18	.32	.28	.14	.14	.18	.32	.52	.62	.62	.66	.68	.58	.62	.48	.70	.82	.58	.58	.28	.22	.28	.42	.82
7	.34	.28	.28	.28	.14	.12	.14	.16	.30	.52	.60	.70	.80	.78	.84	.76	.78	.84	.86	.74	.74	.50	.82	.88	.56	.88
8	.62	.38	.20	.18	.18	.12	.12	.20	.38	.46	.62	.70	.72	.82	.76	.80	.72	.58	.34	.36	.42	.44	.40	.44	.46	.82
9	.40	.36	.26	.22	.30	.44	.40	.36	.62	.62	.68	.70	.72	.72	.84	.78	.76	.56	.32	.46	.22	.40	.70	.62	.52	.84
10	.56	.62	.30	.26	.22	.22	.26	.26	.34	.50	.56	.58	.68	.64	.82	.88	.84	.68	.40	.36	.54	.58	.28	.18	.48	.88
11	.26	.18	.18	.14	.12	.12	.14	.26	.40	.54	.64	.66	.70	.68	.70	.72	.62	.56	.88	.50	.28	.40	.32	.36	.44	.88
12	.40	.50	.76	.84	.86	.40	.42	.46	.60	.64	.72	.74	.82	.74	.58	.60	.46	.50	.44	.48	.46	.30	.28	.34	.56	.86
13	.18	.18	.26	.14	.10	.10	.20	.34	.48	.54	.64	.66	.68	.80	.84	.78	.64	.58	.42	.22	.14	.20	.44	.24	.40	.84
14	.22	.28	.14	.12	.14	.10	.14	.24	.34	.52	.62	.74	.74	.76	.80	.80	.74	.64	.60	.38	.18	.28	.28	.28	.42	.80
15	.38	.22	.12	.14	.12	.10	.16	.22	.36	.56	.64	.60	.66	.68	.72	.66	.64	.58	.36	.18	.16	.12	.14	.14	.36	.72
16	.12	.22	.14	.10	.12	.10	.10	.16	.22	.44	.54	.66	.70	.72	.68	.72	.62	.56	.64	.30	.14	.36	.68	.64	.40	.72
17	.46	.22	.22	.18	.26	.20	.16	.40	.62	.66	.66	.62	.64	.60	.68	.72	.90	.78	.86	.66	.50	.48	.34	.20	.50	.90
18	.26	.26	.46	.18	.10	.10	.16	.20	.38	.52	.42	.46	.44	.70	.86	.82	.70	.62	.44	.32	.60	.50	.22	.26	.42	.86
19	.28	.46	.52	.16	.10	.12	.14	.30	.46	.50	.66	.68	.68	.76	.76	.88	.64	.50	.68	.86	.86	.82	.50	.56	.52	.88
20	.58	.36	.20	.28	.18	.22	.26	.30	.36	.50	.62	.70	.74	.64	.56	.80	.74	.48	.26	.24	.28	.42	.22	.14	.42	.80
21	.18	.14	.12	.14	.12	.12	.14	.24	.40	.48	.54	.62	.78	.76	.62	.68	.74	.60	.44	.28	.34	.44	.32	.24	.40	.78
22	.28	.18	.12	.12	.10	.10	.14	.22	.40	.54	.56	.62	.76	.74	.72	.76	.74	.62	.54	.46	.30	.18	.18	.24	.40	.76
23	.36	.28	.12	.10	.10	.10	.12	.22	.46	.58	.62	.68	.70	.72	.76	.68	.56	.70	.30	.22	.28	.64	.76	.70	.44	.76
24	.22	.52	.20	.16	.18	.36	.16	.36	.36	.56	.66	.78	.72	.74	.68	.68	.78	.74	.56	.46	.48	.60	.50	.50	.50	.78
25	.70	.60	.54	.64	.64	.60	.62	.74	.68	.62	.38	.70	.80	.84	.74	.82	.82	.84	.44	.30	.28	.26	.20	.18	.58	.84
26	.18	.20	.12	.12	.10	.14	.14	.18	.28	.46	.60	.52	.68	.72	.72	.78	.62	.58	.46	.32	.38	.54	.60	.72	.42	.78
27	.50	.48	.44	.46	.54	.24	.14	.30	.80	.56	.62	.70	.76	.78	.76	.76	.70	.64	.68	.28	.18	.16	.20	.18	.50	.80
28	.16	.20	.14	.12	.12	.12	.12	.22	.32	.44	.52	.68	.76	.78	.92	.88	.64	.40	.36	.64	.24	.14	.22	.14	.38	.92
29	.18	.22	.12	.12	.12	.12	.10	.18	.34	.48	.60	.68	.70	.80	.68	.90	.78	.66	.50	.32	.16	.20	.24	.32	.40	.90
30	.34	.40	.22	.32	.18	.18	.18	.46	.50	.44	.52	.72	.72	.58	.72	.70	.78	.72	.78	.68	.44	.36	.56	.46	.50	.78
31	.26	.34	.70	.58	.30	.18	.22	.28	.46	.60	.68	.68	.74	.78	.74	.72	.62	.78	.68	.84	.92	.66	.26	.24	.56	.92
AV	.34	.32	.28	.24	.22	.18	.20	.30	.44	.54	.60	.66	.72	.72	.74	.76	.70	.64	.54	.44	.38	.38	.38	.34	.46	[ ]
SD	.16	.14	.18	.18	.17	.12	.11	.13	.15	.07	.07	.07	.07	.06	.09	.08	.11	.12	.18	.18	.20	.19	.19	.20	.06	[ ]

OUTPT (VERSION N 28 JUL 76)

DEW POINT
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	12	12	13	13	13	12	13	12	11	10	10	10	8	8	-2	-2	-2	-2	-1	0	0	0	3	7	7	13
2	7	7	7	8	8	8	8	7	7	7	7	6	6	5	6	7	7	7	7	8	8	8	9	9	7	9
3	10	10	11	11	12	12	11	12	10	11	10	10	9	8	8	8	7	8	8	9	9	9	10	10	10	12
4	10	10	11	12	13	13	14	16	16	16	15	14	4	3	3	2	1	1	4	4	4	5	6	6	8	16
5	6	6	6	7	8	8	9	9	7	7	6	6	6	7	4	5	6	6	7	8	8	10	10	12	7	12
6	9	12	13	15	15	14	16	18	19	19	18	18	18	18	15	15	15	16	17	18	17	17	18	17	16	19
7	18	17	18	18	20	19	20	21	21	21	19	20	[MI]	8	7	8	8	8	9	10	10	10	9	10	14	21
8	10	11	10	10	10	10	10	10	10	10	9	8	8	9	10	10	10	10	11	11	10	9	9	9	10	11
9	10	10	9	9	9	9	10	10	10	10	10	10	9	9	8	8	8	8	8	9	9	10	10	10	9	10
10	10	10	10	11	11	11	12	11	12	13	10	11	10	9	8	7	7	7	6	8	9	10	10	11	10	13
11	10	11	11	11	12	12	13	13	12	12	11	10	11	12	11	10	9	9	10	10	11	12	12	13	11	13
12	13	14	14	14	15	16	16	15	13	13	-6	-6	-7	-8	-7	-6	-5	-4	-4	-3	-2	-1	0	0	4	16
13	1	3	4	5	5	5	6	6	6	6	-4	-4	-3	-2	-1	-1	-1	0	0	0	0	1	1	2	1	6
14	2	3	3	3	4	4	5	6	6	5	4	4	4	2	2	2	2	2	3	3	2	3	3	3	3	6
15	3	4	7	8	8	8	9	8	8	8	8	8	8	6	7	7	6	6	6	6	6	6	6	6	7	9
16	6	6	7	7	7	7	7	7	7	7	8	0	-2	-1	0	-1	-1	-2	-2	-2	-2	-2	-1	0	3	8
17	0	0	1	1	0	1	2	2	2	2	1	2	2	1	-1	-1	-1	-1	-1	0	0	-2	-2	-1	0	2
18	-1	0	0	0	1	1	3	4	4	3	0	0	-2	-4	-4	-3	-3	-2	-2	-1	0	1	1	2	0	4
19	2	3	3	3	4	4	4	5	5	-1	3	3	3	5	7	5	6	5	6	6	6	7	8	8	5	8
20	8	8	8	8	8	9	9	9	10	9	8	8	9	9	9	8	8	8	7	9	9	9	9	9	9	10
21	8	8	9	9	9	9	10	10	10	10	10	10	10	11	11	11	10	11	12	12	12	11	11	10	10	12
22	10	10	9	8	8	9	10	11	11	11	10	8	8	8	7	7	8	7	7	8	8	8	9	7	9	11
23	8	8	8	7	8	8	7	8	9	10	9	8	8	7	6	5	5	5	6	7	8	8	8	9	8	10
24	10	9	10	9	10	9	10	10	10	9	9	8	9	7	3	4	5	7	8	8	8	7	7	7	8	10
25	7	7	7	7	7	7	8	8	8	8	8	6	5	5	5	7	7	7	7	7	7	7	7	7	7	8
26	7	6	4	6	6	6	7	7	6	5	4	4	4	3	3	2	2	2	1	1	2	2	2	3	4	7
27	3	4	4	4	4	5	5	6	6	5	5	5	4	5	4	3	3	0	-1	-2	-2	-2	-1	0	3	6
28	1	1	1	1	2	2	4	5	5	5	5	6	5	2	-1	-1	-3	-3	-3	-3	-3	-3	-2	-2	1	6
29	-2	-2	-1	-1	0	2	2	3	5	5	5	4	3	3	3	4	4	4	3	4	5	6	6	6	3	6
30	6	6	6	6	6	6	7	8	8	8	8	8	7	7	6	6	7	8	9	9	9	9	9	9	7	9
31	9	8	9	9	9	9	10	11	11	10	10	7	6	6	5	3	2	2	2	3	3	3	3	4	6	11
AV	7	7	7	8	8	8	9	9	9	9	7	7	6	5	5	4	4	5	5	5	6	6	6	7	7	[ ]
SD	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	[ ]

OUTPT [VERSION N 28 JUL 76]

DEW POINT
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	4	4	4	4	4	5	5	6	6	6	5	5	5	5	4	4	3	4	3	4	3	3	3	3	4	6
2	3	3	3	3	4	4	5	6	6	6	6	5	5	5	5	5	5	5	5	5	6	6	6	7	5	7
3	7	7	7	7	8	9	8	8	8	9	8	8	7	3	5	6	6	6	6	7	6	6	5	5	7	9
4	6	6	6	6	6	7	8	8	8	9	8	6	8	8	7	7	7	7	7	7	7	6	6	6	7	9
5	6	6	7	7	7	7	7	8	8	8	8	8	8	8	8	9	9	8	8	8	7	7	7	7	8	9
6	7	7	7	7	7	7	8	8	9	9	7	6	6	7	7	7	7	7	7	5	4	4	4	4	7	9
7	5	5	5	5	5	5	6	6	6	5	5	5	5	2	2	2	2	3	4	4	3	4	4	4	4	6
8	4	4	4	4	4	4	5	5	5	4	4	4	4	4	5	5	3	3	2	2	1	2	2	2	4	5
9	1	1	1	2	3	3	4	5	5	5	3	2	2	2	1	2	2	2	2	3	3	3	3	3	3	5
10	3	3	3	4	4	4	5	5	5	5	5	5	5	5	5	5	6	6	6	6	7	9	10	10	5	10
11	10	10	10	10	10	10	10	10	10	7	-2	-2	-1	0	-1	-1	0	3	3	4	5	5	5	4	5	10
12	3	2	2	3	3	3	3	3	3	2	2	2	1	1	1	1	1	1	1	1	2	2	2	3	2	3
13	3	2	2	3	3	3	4	4	4	4	4	4	4	4	4	5	5	5	6	6	4	5	4	4	4	6
14	3	3	2	1	0	0	0	0	0	-1	-2	-2	-2	-3	-3	-4	-3	-3	-2	1	1	1	2	2	0	3
15	2	2	0	2	2	3	3	4	2	3	3	2	2	2	1	-1	-5	-5	-5	-1	-2	-3	-3	-3	0	4
16	-3	-3	-3	-3	-3	-2	-2	-3	-4	-2	-2	-3	-1	0	1	2	3	3	3	3	3	5	6	5	0	6
17	6	6	6	6	6	6	6	5	6	6	4	5	5	5	5	5	6	6	7	6	6	7	7	4	6	7
18	1	1	2	6	6	6	7	8	6	6	5	3	2	2	1	1	0	0	1	3	5	5	5	5	4	8
19	5	5	5	5	5	5	5	5	5	5	5	4	2	1	1	1	2	2	2	2	2	2	2	2	3	5
20	2	2	3	3	3	3	4	4	4	4	4	3	3	2	0	0	-1	1	2	1	2	2	1	0	2	4
21	0	-2	-2	-2	-3	-2	-1	0	0	0	-2	-2	-3	-3	-3	-3	-2	-2	-1	1	2	3	4	5	-1	5
22	6	6	6	6	7	9	9	9	9	9	10	10	10	11	10	9	9	8	9	9	9	9	9	8	9	11
23	8	8	8	8	8	8	8	5	4	3	3	3	2	2	2	1	1	0	-2	-2	-1	0	1	2	3	8
24	2	3	3	3	4	1	0	0	3	3	-2	-2	-3	-5	-4	-5	-5	-4	-4	-4	-4	-3	-2	-2	-1	4
25	-2	-1	0	1	1	2	3	3	3	2	0	-3	-2	-2	-2	-2	-2	-2	-3	-3	-2	-2	-1	-1	-1	3
26	-1	0	0	0	1	1	1	1	0	-1	-2	-3	-3	-3	-2	-2	-2	-2	-2	-2	-2	-2	-2	-1	-1	1
27	1	1	1	1	1	2	3	3	2	2	1	1	1	-1	-2	-2	-3	-3	-2	-2	-3	-3	-3	-1	0	3
28	0	0	0	0	1	1	2	2	2	2	2	2	1	1	0	-2	-3	-5	-4	-3	-2	-1	-1	0	0	2
29	0	0	0	0	1	1	2	2	2	3	2	2	3	2	0	1	0	0	1	2	3	2	1	1	1	3
30	0	0	0	-1	-1	-1	-2	-2	7	6	6	6	6	6	6	6	7	9	10	10	10	9	9	9	5	10
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	3	3	3	3	4	4	4	4	4	4	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	[ ]
SD	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	3	3	3	[ ]

OUTPT [VERSION N 28 JUL 76]

DEW POINT
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
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* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	11	11	11	12	12	12	12	12	12	12	11	11	11	8	6	6	6	6	6	7	7	8	8	10	12
2	8	9	9	9	9	8	8	9	10	10	10	10	8	8	0	0	0	-3	-3	-3	1	1	1	3	5	10
3	7	9	9	9	8	8	9	8	8	6	6	4	1	0	0	0	0	0	0	-4	-7	-7	-7	-6	3	9
4	-5	-5	-4	-4	-4	-4	-1	-1	-1	0	-1	-1	0	-3	-3	-5	-8	-9	-9	-9	-9	-8	-7	-6	-4	0
5	-6	-5	-5	-5	-5	-4	-3	0	0	0	-1	-1	-2	-3	-3	-2	-2	-2	-2	-2	-3	-3	-2	-1	-3	0
6	-1	-1	0	-1	0	0	1	2	2	2	2	2	2	1	0	0	0	2	2	2	4	4	3	3	1	4
7	3	3	4	4	4	4	5	6	6	6	5	4	5	4	5	6	5	4	5	5	6	6	7	8	5	8
8	7	7	7	7	7	7	8	9	9	9	8	6	4	3	3	4	4	3	3	4	4	4	4	4	6	9
9	4	4	4	5	5	6	6	8	5	4	4	2	0	0	2	1	2	2	2	2	2	2	5	6	3	8
10	6	6	5	6	6	6	6	8	8	8	6	5	4	3	3	4	4	4	4	4	5	6	7	7	5	8
11	7	7	7	7	7	7	8	8	8	8	8	7	6	6	4	4	4	4	6	6	6	7	7	7	7	8
12	7	8	8	8	8	8	9	10	10	10	10	10	9	10	9	10	10	9	9	10	10	10	10	10	9	10
13	10	11	11	11	11	12	12	13	13	12	12	10	8	5	3	4	4	4	4	4	4	4	5	4	8	13
14	4	4	4	4	4	4	5	6	6	5	4	4	3	4	3	3	4	4	4	4	4	5	5	5	4	6
15	6	6	6	6	5	6	6	6	6	4	4	2	2	0	-3	-3	-4	-3	-2	-2	-3	-3	-2	-1	2	6
16	-1	-1	-1	-1	-1	0	0	0	1	2	2	3	3	2	2	3	0	0	0	0	0	0	0	4	1	4
17	5	5	6	6	6	7	8	8	8	8	8	8	8	8	7	7	9	10	12	13	13	13	15	16	9	16
18	15	17	16	16	15	15	17	17	17	17	15	15	15	14	14	13	11	13	12	12	13	13	13	14	15	17
19	14	14	14	14	14	14	14	14	14	13	13	11	10	10	10	10	10	10	11	11	10	10	13	13	12	14
20	13	13	13	13	13	13	13	14	15	13	13	13	10	10	10	9	9	10	11	11	10	10	10	10	12	15
21	11	11	11	11	10	10	12	12	12	10	9	7	5	3	2	2	2	3	3	3	4	6	6	6	7	12
22	6	6	6	6	6	6	8	8	8	8	7	6	5	4	2	2	2	2	2	2	2	3	4	4	5	8
23	4	4	4	4	4	5	6	6	6	6	6	6	4	2	1	1	1	1	0	0	-1	0	5	5	3	6
24	6	6	6	5	6	6	6	7	7	6	6	6	6	6	5	4	6	6	6	6	6	6	6	6	6	7
25	7	8	7	8	8	9	10	10	10	10	10	10	10	10	10	11	12	12	13	13	13	13	13	13	10	13
26	13	13	13	13	13	13	13	13	14	14	13	13	13	12	10	12	12	12	12	11	11	10	10	9	12	14
27	10	11	11	12	12	12	13	12	8	8	7	6	4	4	4	4	4	4	5	6	6	6	6	6	8	13
28	6	6	6	6	7	7	8	8	9	9	9	6	4	3	5	6	5	5	5	6	6	6	6	6	6	9
29	6	6	6	6	7	7	8	8	9	8	8	8	8	8	8	9	8	8	8	8	8	8	8	8	8	9
30	9	9	9	10	10	10	10	11	12	10	10	10	9	9	9	8	8	8	8	8	10	10	11	11	10	12
31	11	11	11	12	13	13	13	13	13	13	13	13	11	11	11	11	10	11	12	10	9	11	12	13	12	13
AV	7	7	7	7	7	7	8	9	9	8	8	7	6	5	5	5	4	5	5	5	5	5	6	6	6	[ ]
SD	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	4	[ ]

OUTPT [VERSION N 28 JUL 76]

RELATIVE HUMIDITY
(PERCENT)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	91	87	77	63	59	26	24	24	24	26	36	36	39	52	69	49	91
2	71	77	96	100	100	[OS]	[OS]	100	78	63	52	46	41	37	37	40	42	41	42	50	58	65	75	86	63	100
3	98	100	100	[OS]	[OS]	[OS]	[OS]	[OS]	94	77	64	56	46	40	37	38	38	40	41	47	52	55	60	62	60	100
4	64	70	77	84	93	90	89	95	88	77	71	67	34	45	32	27	27	30	40	42	46	53	60	62	61	95
5	65	70	77	85	96	100	100	88	69	58	49	44	42	43	36	38	42	55	52	61	63	71	80	100	66	100
6	92	100	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	100	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	97	100
7	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[MI]	64	59	62	63	60	77	87	94	100	100	100	79	100
8	100	100	100	100	100	100	100	[OS]	100	100	97	90	79	76	78	92	100	100	100	100	100	99	92	98	96	100
9	100	100	99	100	99	100	100	100	92	83	73	67	61	58	52	50	50	51	57	72	83	86	88	99	80	100
10	100	100	100	100	[OS]	[OS]	[OS]	100	100	94	77	70	57	54	50	45	44	42	42	52	56	65	71	79	71	100
11	86	89	86	100	100	100	100	92	81	70	56	50	67	60	55	49	47	48	55	63	70	81	91	100	75	100
12	100	[OS]	[OS]	[OS]	[CS]	[OS]	[OS]	[OS]	100	100	26	24	20	18	18	19	19	19	20	25	29	35	42	48	39	100
13	56	66	78	87	95	[OS]	96	86	65	52	22	20	21	21	21	20	20	21	22	23	27	33	34	41	45	98
14	43	52	58	61	70	72	71	65	54	39	32	26	23	19	17	17	17	18	20	23	24	28	27	29	38	72
15	31	35	52	64	74	79	86	80	75	72	66	62	60	59	56	59	56	59	62	70	73	77	79	83	65	86
16	90	97	100	100	100	100	100	96	88	80	77	40	32	32	31	28	27	24	25	28	33	34	40	48	60	100
17	52	57	61	63	68	72	70	61	48	39	31	28	26	21	16	15	15	16	17	21	22	20	22	26	37	72
18	29	34	37	41	48	48	53	47	39	28	20	18	14	10	11	12	13	14	15	17	20	23	25	29	27	53
19	31	34	35	32	38	40	41	40	38	21	30	30	31	39	46	38	41	36	39	40	42	51	55	58	39	53
20	62	64	63	65	65	68	68	71	70	60	50	50	61	57	52	46	47	46	47	55	62	64	65	67	59	71
21	68	69	71	74	77	79	83	79	70	66	69	74	84	91	83	83	77	83	95	99	95	96	97	100	82	100
22	100	100	90	85	86	93	100	100	97	86	75	58	74	71	65	59	68	72	72	75	86	84	90	82	82	100
23	83	87	93	88	92	93	87	85	82	79	69	59	53	45	41	37	36	37	41	46	54	60	62	71	66	93
24	77	79	85	82	88	88	85	82	73	65	56	53	52	42	32	36	47	55	60	66	65	67	69	74	66	88
25	80	84	85	91	92	99	100	90	74	61	53	42	39	44	40	66	62	57	52	57	61	65	73	76	68	100
26	81	77	73	87	90	91	90	77	59	49	43	40	37	32	30	29	28	27	27	30	36	37	43	50	53	91
27	55	60	63	71	73	77	76	68	55	44	38	33	30	28	25	24	22	18	16	16	20	23	27	32	41	77
28	38	43	42	45	46	53	57	56	42	35	32	34	29	21	15	14	12	12	13	14	16	18	22	22	30	57
29	25	30	32	35	42	45	50	49	46	41	35	31	27	26	25	35	35	35	34	37	44	52	54	57	38	57
30	61	64	71	73	78	83	83	68	65	63	58	50	43	41	39	38	52	58	66	69	73	74	80	86	64	86
31	85	86	99	100	100	100	100	100	82	66	58	40	34	32	29	23	21	21	24	28	29	33	38	43	57	100
AV	70	72	75	77	80	81	83	79	72	64	54	48	44	43	38	39	42	41	43	48	52	56	60	66	60	[ ]
SD	24	22	21	21	19	19	18	18	19	21	20	18	18	19	18	19	23	21	23	24	24	24	24	25	18	[ ]

OUTPT [VERSION N 28 JUL 76]

RELATIVE HUMIDITY
(PERCENT)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1976

AEROVIRONMENT INC.

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* AS OF 19/SEP/76 *
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CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	48	50	54	59	61	64	62	59	46	37	29	28	26	24	23	21	20	21	22	24	26	28	31	33	37	64
2	40	44	44	50	56	59	55	54	43	36	30	27	25	23	22	22	22	22	23	26	30	35	38	41	36	59
3	41	52	53	52	65	67	59	52	44	35	31	31	39	22	25	25	24	25	27	30	32	34	36	37	39	67
4	39	43	49	56	59	69	66	57	49	43	34	27	31	29	27	26	27	27	29	31	33	37	38	46	41	69
5	48	50	62	66	69	74	70	61	52	42	35	30	28	27	27	28	28	27	28	31	33	36	41	45	43	74
6	50	53	58	60	65	67	65	56	47	36	29	26	27	26	26	25	26	25	29	29	30	31	33	33	40	67
7	35	37	41	46	47	51	48	43	34	29	26	24	24	19	18	19	19	20	22	24	25	27	29	32	31	51
8	34	38	42	43	45	48	49	42	29	24	22	21	22	23	24	33	19	19	18	19	19	24	24	24	29	49
9	25	27	33	37	40	45	48	42	36	28	23	18	18	17	16	17	17	18	19	21	23	27	30	34	27	48
10	37	40	44	49	44	37	35	32	29	28	26	25	24	23	23	21	22	24	27	29	40	56	66	70	35	70
11	75	76	81	82	85	81	79	79	71	54	26	26	27	31	26	26	27	46	47	55	66	64	68	64	57	85
12	58	57	59	61	66	69	60	53	46	40	36	34	32	30	29	27	28	27	27	30	32	35	37	40	42	69
13	42	42	41	45	48	49	49	47	43	41	38	38	39	39	39	45	52	59	85	91	90	100	100	100	57	100
14	100	100	90	85	82	82	76	65	55	48	42	38	34	30	27	24	25	25	29	41	45	50	55	59	54	100
15	63	69	64	78	80	83	82	72	55	50	44	38	34	30	26	21	14	13	14	21	23	23	24	24	44	83
16	24	23	24	25	27	31	24	22	20	24	24	22	23	24	25	25	30	33	34	34	39	54	68	65	31	68
17	72	74	77	78	79	79	79	63	65	56	47	45	42	45	42	46	56	54	58	58	60	70	71	64	62	79
18	54	59	63	90	93	93	93	86	64	57	47	35	29	27	25	24	22	21	23	32	39	46	48	53	51	93
19	56	60	65	70	73	75	70	59	51	45	39	32	24	20	15	18	18	17	17	19	22	25	29	31	40	75
20	35	38	41	45	49	52	47	40	35	28	23	18	16	15	12	12	11	14	14	16	17	18	19	21	27	52
21	20	19	22	21	21	23	26	26	20	17	12	11	10	9	8	9	10	10	12	15	18	21	25	28	17	28
22	31	33	33	34	43	65	71	70	65	57	57	88	77	63	58	51	52	66	71	73	73	76	80	78	61	88
23	78	77	78	76	82	77	78	56	48	43	39	35	32	30	27	26	25	25	24	27	30	35	42	49	47	82
24	52	60	68	70	78	67	58	50	51	44	26	26	20	16	16	14	13	13	16	16	19	21	23	25	36	78
25	29	35	39	49	52	55	56	49	37	28	20	15	15	14	13	14	14	13	12	13	14	16	22	23	27	56
26	23	27	26	28	32	36	35	34	28	23	20	16	16	15	15	14	14	14	14	15	18	17	18	25	22	36
27	33	36	40	42	47	51	52	44	35	28	23	19	16	11	10	9	8	8	10	10	11	11	13	19	24	52
28	27	31	31	35	39	39	43	38	29	25	22	17	15	13	11	9	7	6	7	9	13	17	19	22	22	43
29	21	27	31	33	36	40	41	36	28	24	19	17	16	14	12	12	11	10	12	16	18	19	19	19	22	41
30	19	18	20	19	20	21	17	14	27	25	24	22	23	24	22	23	31	38	50	50	50	44	45	47	29	50
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	44	47	49	53	56	58	56	50	43	37	30	28	27	24	23	23	23	25	27	30	33	37	40	42	38	[ ]
SD	19	19	18	19	20	19	18	16	13	11	10	14	12	11	10	10	12	15	18	18	18	20	21	20	12	[ ]

OUTPT (VERSION N 28 JUL 76)

RELATIVE HUMIDITY
(PERCENT)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	51	55	59	61	66	64	60	53	47	42	39	37	36	34	25	21	21	21	23	24	28	33	37	38	41	66
2	45	48	47	48	53	54	55	55	51	46	40	35	29	27	13	12	12	10	10	11	17	19	21	27	33	55
3	40	50	58	82	61	63	60	54	45	34	31	24	17	14	13	13	12	12	12	9	6	8	9	12	31	82
4	16	18	22	24	28	27	31	26	21	18	14	12	12	8	8	5	2	2	2	3	4	6	9	12	14	31
5	14	16	19	22	22	26	26	26	21	17	13	11	10	8	8	8	8	9	9	10	11	12	14	18	15	26
6	17	19	22	22	25	29	30	29	26	20	18	15	14	12	11	10	10	13	15	16	19	21	23	23	19	30
7	26	26	27	30	34	35	35	34	29	24	20	18	19	18	21	20	19	18	20	22	24	25	29	32	25	35
8	32	34	37	38	42	43	46	43	36	30	26	21	17	14	14	15	14	13	14	17	18	20	21	21	26	46
9	22	24	26	26	26	27	31	29	20	18	16	13	10	9	11	11	11	11	12	13	15	17	22	24	19	31
10	24	25	27	30	31	32	33	33	31	26	21	18	15	13	13	15	16	16	17	18	19	23	29	30	23	33
11	33	34	37	41	45	46	45	41	34	31	27	22	19	19	16	16	17	17	22	23	24	28	29	30	29	46
12	31	31	33	35	35	36	37	35	33	33	31	28	31	33	32	38	36	33	33	35	40	44	43	44	35	44
13	47	52	55	61	65	68	66	63	54	47	42	34	27	20	17	17	18	18	20	21	23	24	25	27	38	68
14	30	33	37	40	44	42	46	41	32	27	22	19	17	18	18	19	18	20	21	22	22	26	30	31	28	46
15	34	40	44	46	46	51	52	43	38	28	23	19	16	12	9	9	8	9	10	10	12	12	15	18	25	52
16	21	21	24	25	35	31	33	36	34	31	24	21	18	15	14	15	11	10	10	11	13	14	14	22	21	36
17	23	25	28	29	34	36	40	40	35	31	29	27	26	25	22	22	26	31	40	49	57	59	82	89	38	89
18	82	97	91	91	96	92	97	90	85	82	69	73	67	56	58	54	54	63	56	60	65	62	74	78	75	97
19	74	74	78	81	83	85	83	76	71	60	53	44	37	33	37	36	34	34	42	54	48	51	71	71	59	85
20	71	75	80	83	85	85	87	81	75	59	55	48	38	36	33	41	45	47	45	48	48	50	56	60	60	87
21	69	71	75	78	79	82	81	74	60	46	38	29	23	19	17	16	17	18	19	20	24	29	31	34	44	82
22	37	40	47	52	52	55	56	48	40	34	29	25	20	18	14	14	15	16	16	17	19	21	24	28	31	56
23	32	34	37	42	44	49	48	40	34	29	25	22	17	15	12	12	12	13	12	13	12	15	24	27	26	49
24	31	33	35	35	40	41	41	38	33	27	24	22	22	20	19	17	21	22	22	21	25	27	27	29	28	41
25	32	36	34	37	41	43	43	40	38	36	36	33	31	37	36	49	60	62	63	70	70	63	67	67	47	70
26	69	74	79	79	82	84	82	79	76	69	60	55	45	41	35	40	39	37	39	38	40	41	42	40	57	84
27	46	57	57	60	55	74	69	56	45	40	31	25	19	19	17	17	17	19	21	23	25	28	30	34	37	74
28	36	41	44	46	51	54	55	49	44	37	29	20	17	16	19	21	20	20	20	23	25	28	30	33	32	55
29	34	36	39	40	43	48	47	43	39	31	30	26	23	27	27	27	24	25	25	25	28	28	31	31	32	48
30	37	37	38	47	49	51	53	51	56	43	38	32	29	28	26	24	24	24	28	31	38	40	48	52	39	54
31	54	54	57	64	67	71	71	68	64	57	53	44	38	35	34	34	32	44	49	39	45	61	68	71	53	71
AV	39	42	45	48	50	52	53	49	43	37	32	28	24	23	21	22	22	23	24	26	28	30	35	37	35	[ ]
80	18	19	19	20	19	19	19	17	17	15	14	13	12	11	11	12	13	15	15	16	16	16	20	20	14	[ ]

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3.5	3.0	2.0	1.5	3.5	3.5	3.5	3.0	3.5	4.0	4.5	7.0	7.0	7.0	7.0	7.5	7.0	5.5	3.5	4.0	6.0	3.5	2.5	3.0	4.5	7.5
2	2.0	2.0	1.5	1.5	4.5	5.5	4.0	5.0	3.5	4.0	4.5	6.5	6.5	6.5	5.0	4.5	4.0	3.5	2.0	3.5	4.0	6.5	6.0	7.5	4.5	7.5
3	6.5	4.5	3.5	5.0	4.0	4.5	4.5	4.0	3.5	4.5	4.5	4.5	6.5	11.5	13.5	11.0	11.0	14.0	10.5	3.0	3.0	6.5	5.0	2.5	6.5	14.0
4	3.0	9.0	10.0	9.0	7.5	10.0	11.5	15.0	15.5	20.0	17.0	17.0	18.5	16.5	11.5	13.5	9.5	14.5	7.5	4.5	4.0	2.5	5.5	4.0	10.5	20.0
5	3.5	3.0	3.0	3.5	4.0	3.0	3.0	3.0	4.0	4.0	4.5	7.0	9.5	9.0	8.0	9.5	9.5	8.5	8.5	7.0	7.5	11.5	9.0	11.5	6.5	11.5
6	13.5	11.5	6.5	2.5	4.0	3.5	2.5	5.5	7.0	6.0	11.5	7.5	12.5	4.0	6.5	8.5	4.5	3.5	4.0	6.5	3.5	2.0	2.0	2.0	6.0	13.5
7	2.0	1.5	2.5	3.5	2.5	2.0	3.5	4.0	6.5	8.5	6.0	5.0	9.5	9.5	6.0	8.0	4.5	3.5	12.5	5.0	1.0	2.5	4.0	2.5	5.0	12.5
8	2.0	5.5	5.0	3.5	4.0	2.5	4.5	6.0	7.0	5.5	6.0	5.5	4.0	4.5	5.5	8.5	8.0	4.5	2.5	3.5	4.5	4.5	2.0	3.0	4.5	8.5
9	2.0	1.5	1.0	2.0	2.5	3.0	2.0	2.5	2.5	3.5	5.0	4.5	4.5	5.5	6.0	6.5	9.5	9.5	9.5	7.5	5.0	6.5	6.5	4.0	4.5	9.5
10	5.0	5.0	5.0	2.5	3.5	5.0	3.5	3.0	3.5	5.0	4.5	5.0	4.0	8.5	12.0	6.5	7.5	6.5	5.5	3.5	3.0	3.5	2.5	3.5	5.0	12.0
11	3.0	3.0	3.5	3.5	2.5	2.0	2.0	3.0	4.5	6.0	11.0	17.0	16.5	10.5	17.5	21.0	22.0	21.5	20.5	17.0	19.0	14.0	10.0	5.0	10.5	22.0
12	4.5	3.5	3.0	4.0	4.5	3.5	3.5	3.5	4.5	9.0	18.5	17.0	16.0	13.0	11.5	10.0	12.5	11.5	12.0	5.0	5.0	4.5	3.0	4.5	8.0	18.5
13	5.5	5.0	3.5	5.5	5.5	5.0	4.0	4.0	3.5	4.0	4.5	5.5	6.0	6.5	5.5	5.0	4.0	4.5	5.0	2.0	5.5	4.0	3.5	4.0	4.5	6.5
14	3.0	4.5	5.0	5.5	5.0	4.0	3.5	4.5	3.0	4.0	4.5	5.5	5.5	5.5	4.5	15.0	12.5	13.5	9.5	3.0	4.0	2.5	3.5	5.5	5.5	15.0
15	10.5	7.5	9.5	11.5	10.0	15.0	14.5	15.0	16.0	15.0	13.5	12.5	14.5	18.5	18.5	17.5	17.0	19.5	18.5	17.5	17.0	17.0	13.5	15.0	15.0	19.5
16	11.5	7.5	6.5	6.5	6.5	2.0	3.5	6.5	6.0	6.5	6.5	6.5	6.5	6.0	6.0	5.5	5.0	4.0	2.5	2.5	4.0	3.0	4.5	6.0	5.5	11.5
17	5.5	4.5	4.0	4.0	4.0	4.0	3.5	3.5	3.0	4.0	4.0	4.5	5.5	7.5	5.5	7.0	5.0	5.0	3.0	4.5	7.0	3.5	3.0	4.5	4.5	7.5
18	4.0	2.5	2.5	5.0	4.0	3.0	2.0	2.0	3.5	5.5	6.0	6.0	7.0	14.0	15.0	12.5	8.5	9.0	10.0	9.0	11.5	6.0	5.5	4.0	6.5	15.0
19	5.0	3.0	2.0	5.0	5.0	1.5	2.0	4.0	3.5	5.5	8.5	6.0	8.5	14.0	13.5	12.0	12.5	5.5	3.0	3.0	9.5	6.5	5.5	4.0	6.0	14.0
20	6.0	4.0	4.0	2.5	3.0	3.0	4.5	3.5	6.0	6.0	8.0	7.5	8.0	10.5	11.5	10.0	10.0	7.0	9.0	4.5	4.0	4.5	2.5	1.5	6.0	11.5
21	2.0	2.5	1.5	2.5	2.0	2.0	2.5	3.5	5.0	4.0	10.0	10.5	12.0	6.0	4.5	2.5	1.5	4.5	3.5	3.0	3.5	6.5	2.5	5.0	4.5	12.0
22	2.0	3.0	2.0	1.5	2.0	1.5	1.0	1.5	2.0	3.0	5.5	5.5	9.0	6.5	5.5	4.5	17.0	13.0	8.0	4.0	4.5	3.0	2.5	2.0	4.5	17.0
23	4.5	4.0	3.0	2.0	2.0	3.0	2.5	2.5	3.0	3.5	4.0	5.5	4.5	7.0	6.0	5.5	6.5	6.5	8.5	7.5	5.0	5.5	5.0	7.5	4.5	8.5
24	7.5	8.5	7.0	7.5	14.5	6.0	4.5	4.5	5.0	5.0	5.5	5.0	5.5	6.5	9.0	11.5	10.5	8.0	6.0	3.5	3.0	1.5	5.0	7.0	6.5	14.5
25	5.0	5.0	3.5	3.0	2.5	2.5	3.0	2.0	3.5	3.5	4.5	7.0	11.0	11.5	16.0	15.0	7.0	5.5	5.5	3.0	2.0	5.5	4.5	4.5	5.5	16.0
26	5.0	4.5	5.0	5.0	2.5	2.5	1.5	2.0	3.0	5.0	5.5	5.0	7.0	6.5	6.5	6.5	5.0	4.0	3.5	5.0	5.0	3.5	5.5	6.0	4.5	7.0
27	5.5	2.5	5.5	5.5	4.0	1.5	3.0	2.5	2.5	4.0	4.0	6.0	7.5	7.0	7.5	7.0	6.5	5.5	4.5	5.5	5.5	5.0	5.0	4.5	5.0	7.5
28	5.0	3.5	1.5	1.0	1.0	1.0	1.5	1.5	3.0	4.0	7.5	12.5	9.5	11.5	12.5	16.0	18.0	16.0	13.0	12.5	6.5	3.5	6.5	2.0	7.0	18.0
29	3.5	4.0	1.0	1.5	1.5	1.0	2.5	5.5	3.0	4.5	4.5	5.5	6.0	7.5	5.5	13.0	10.5	9.5	11.0	8.5	9.5	9.5	5.0	2.5	5.5	13.0
30	5.5	2.5	2.5	2.0	3.5	3.0	2.5	5.0	4.5	5.0	3.5	6.0	6.5	7.0	5.0	6.5	12.5	7.0	10.0	8.5	5.0	4.0	4.5	5.0	5.5	12.5
31	5.0	3.0	2.0	3.5	4.0	2.0	1.5	3.0	3.0	3.5	5.0	6.5	8.5	6.5	6.5	9.5	11.5	9.5	4.5	3.5	4.0	6.0	5.0	4.0	5.0	11.5
AV	5.0	4.5	4.0	4.0	4.0	3.5	3.5	4.5	5.0	5.5	7.0	7.5	8.5	9.0	9.0	9.5	9.5	8.5	7.5	6.0	6.0	5.5	5.0	5.0	6.0	[ ]
SD	2.7	2.2	2.2	2.3	2.6	2.7	2.7	3.1	3.2	3.4	3.8	3.7	3.7	3.5	4.1	4.2	4.5	4.7	4.5	3.8	3.9	3.4	2.4	2.7	2.2	[ ]

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	4.5	3.5	4.0	4.5	2.5	1.5	1.5	3.0	3.0	3.5	6.0	6.5	6.0	8.0	11.5	13.5	14.5	14.0	10.5	6.0	2.5	2.0	4.5	4.0	6.0	14.5
2	5.0	2.5	2.5	2.5	1.5	2.5	1.0	3.5	3.5	3.5	5.0	8.5	12.5	6.5	14.0	15.5	14.5	12.0	12.0	10.5	6.5	3.5	4.5	4.0	6.5	15.5
3	5.5	4.0	4.0	3.0	3.5	2.5	4.0	2.5	3.5	12.5	19.5	17.5	18.0	19.5	17.0	20.0	18.5	17.0	16.0	12.0	9.5	5.0	5.5	2.5	10.0	20.0
4	4.0	3.5	3.5	4.0	3.0	2.5	2.5	2.5	3.5	4.0	6.0	12.5	15.0	16.5	15.5	15.5	13.5	14.5	12.5	9.5	7.5	2.0	2.5	4.5	7.5	16.5
5	3.5	4.5	6.5	3.5	4.0	3.5	1.5	2.5	3.5	5.0	6.5	6.0	11.0	12.5	10.5	13.0	13.5	11.5	11.0	8.0	1.5	3.5	5.0	4.5	6.5	13.5
6	5.0	5.0	4.5	3.5	2.5	3.0	2.5	3.0	2.5	8.0	17.0	17.0	15.5	14.5	13.0	11.5	10.0	12.5	15.0	10.5	7.0	2.5	7.5	3.5	8.0	17.0
7	6.5	6.0	7.5	4.0	3.5	1.0	1.5	1.5	4.0	6.5	9.0	10.0	8.5	12.0	14.0	13.0	15.0	12.0	11.5	7.5	5.0	5.5	5.0	2.5	7.0	15.0
8	4.0	4.5	4.0	3.0	1.5	4.5	2.5	3.5	8.0	13.5	14.5	16.5	18.0	18.5	15.5	11.0	16.0	15.5	13.5	12.5	6.0	5.5	6.0	3.0	9.5	18.5
9	2.0	1.5	3.0	3.0	3.5	2.5	2.0	2.5	4.0	6.0	7.5	12.0	18.0	17.0	17.0	18.5	17.5	17.5	17.0	13.0	7.0	1.5	4.0	5.5	8.5	18.5
10	5.0	5.5	6.0	4.5	2.5	4.0	2.5	10.0	17.0	17.5	18.5	19.5	18.5	22.0	22.5	24.5	24.5	22.5	21.5	18.5	15.5	11.5	9.0	4.5	13.5	24.5
11	3.5	2.0	1.0	1.5	4.0	3.5	11.0	10.0	13.5	19.0	17.0	18.5	15.5	12.5	15.0	16.0	16.5	18.0	15.5	17.0	7.5	4.0	6.0	6.5	10.5	19.0
12	7.5	5.5	4.5	2.5	4.0	3.5	1.0	3.5	7.5	10.0	10.5	12.0	12.5	12.5	15.5	13.5	11.0	10.5	12.5	8.0	9.5	6.0	3.0	3.5	8.0	15.5
13	3.5	3.0	7.0	7.0	3.0	3.0	4.0	3.5	5.0	5.0	9.5	12.5	9.5	9.0	9.5	11.0	14.5	16.5	5.5	8.0	11.5	9.0	10.5	13.5	8.0	16.5
14	10.0	6.5	1.0	1.0	1.0	1.0	1.5	5.5	10.0	9.5	8.0	9.0	8.0	7.0	8.5	6.0	5.0	6.5	12.0	17.0	14.5	6.0	4.5	2.5	6.5	17.0
15	4.0	4.0	3.5	1.0	1.5	1.5	1.5	2.5	3.5	5.0	4.0	5.0	5.5	5.5	7.5	6.5	5.0	3.5	2.0	7.5	9.0	6.5	4.5	6.0	4.5	9.0
16	3.5	4.5	7.0	3.5	5.0	2.5	2.5	3.0	6.0	6.5	6.5	5.0	9.0	11.5	8.5	12.5	17.0	15.5	14.5	16.5	14.0	8.0	11.0	11.0	8.5	17.0
17	7.0	5.5	5.5	4.0	2.0	3.0	2.5	1.5	2.0	3.5	5.5	6.0	8.5	8.5	9.0	9.0	11.5	5.5	5.5	3.0	3.5	9.5	8.5	6.5	5.5	11.5
18	5.5	3.0	3.5	3.0	3.0	3.5	3.0	3.5	4.0	4.5	9.5	12.0	9.0	8.5	7.0	7.5	5.5	8.0	13.0	15.5	17.0	14.0	10.5	9.0	7.5	17.0
19	8.0	7.5	3.0	3.0	2.5	2.0	1.0	4.0	5.0	4.0	4.0	5.5	5.5	7.0	6.0	5.5	5.0	4.0	2.5	6.5	9.0	5.5	5.0	4.0	5.0	9.0
20	4.0	1.5	2.5	1.5	1.0	1.5	2.5	2.5	3.0	5.0	4.5	6.5	10.5	17.0	18.0	17.5	17.0	16.5	16.5	15.5	12.5	11.0	5.0	2.5	8.0	18.0
21	2.5	3.0	5.5	4.0	3.5	3.0	1.5	3.0	5.0	6.0	11.0	18.0	16.5	18.5	19.0	16.0	14.5	15.5	14.5	16.0	12.5	10.0	11.0	10.0	10.0	19.0
22	9.5	9.0	10.5	16.0	21.0	12.0	11.0	14.5	14.5	8.5	10.0	6.0	6.0	8.0	7.0	14.5	14.5	16.0	4.0	4.0	4.5	3.0	6.0	2.0	9.5	21.0
23	2.0	2.5	4.0	2.5	1.0	1.5	2.5	8.0	11.5	10.0	8.5	11.0	12.5	11.5	15.0	15.0	16.5	21.0	23.0	21.5	13.5	3.5	2.5	4.5	9.5	23.0
24	3.5	2.0	1.0	1.0	3.5	2.5	2.0	1.5	5.5	8.0	8.5	10.0	10.5	11.5	10.0	7.0	6.0	14.5	15.5	15.5	13.0	7.5	7.5	3.0	7.0	15.5
25	5.5	5.0	4.0	1.5	3.5	3.5	1.5	1.5	3.0	6.0	9.0	16.5	17.5	18.0	18.0	14.5	11.5	15.0	16.0	14.0	13.0	7.0	3.0	1.5	8.5	18.0
26	1.0	5.0	2.0	7.0	4.5	3.5	3.0	4.5	5.0	6.0	6.0	7.5	7.0	7.5	7.5	7.0	5.5	5.5	5.5	5.5	6.0	2.5	1.5	2.0	5.0	7.5
27	5.5	6.0	5.5	3.5	5.0	4.5	4.0	2.5	3.0	4.0	3.5	5.0	5.5	10.0	9.0	10.5	11.0	7.5	6.0	4.0	3.0	6.5	6.0	7.5	6.0	11.0
28	4.5	7.0	3.5	2.5	1.5	2.0	1.0	2.5	5.0	3.0	5.5	5.0	6.5	6.0	6.0	8.0	7.5	6.5	7.5	7.5	10.0	10.5	7.0	4.0	5.5	10.5
29	1.5	1.0	2.0	1.0	2.0	2.5	2.0	1.5	3.0	4.0	3.5	4.5	5.0	7.0	17.0	11.0	6.0	4.0	9.0	12.5	14.0	10.0	12.5	15.0	6.5	17.0
30	10.0	4.0	7.5	4.0	4.0	1.5	1.5	6.0	13.5	13.0	15.0	12.0	17.0	18.5	17.0	16.5	16.0	9.0	7.0	7.0	6.0	3.0	3.5	5.0	9.0	18.5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5.0	4.0	4.5	3.5	3.5	3.0	2.5	4.0	6.0	7.5	9.0	10.5	11.5	12.0	12.5	12.5	12.5	12.5	11.5	11.0	9.0	6.0	6.0	5.5	7.5	[ ]
SD	2.3	1.9	2.2	2.7	3.4	1.9	2.4	2.9	4.0	4.1	4.5	4.7	4.5	4.7	4.5	4.4	4.9	5.1	5.2	4.8	4.1	3.3	2.8	3.3	2.0	[ ]

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3.5	3.5	7.5	3.0	5.0	4.0	4.0	5.5	9.0	7.0	6.5	7.5	8.0	9.5	11.5	13.5	13.0	12.5	9.5	8.0	2.0	4.5	4.5	8.5	7.0	13.5
2	5.0	11.5	18.5	17.5	7.5	3.0	2.0	2.0	4.0	4.0	6.5	7.0	7.0	8.0	13.5	15.5	16.5	14.0	8.5	6.5	7.0	11.0	6.5	8.0	9.0	18.5
3	10.0	11.0	12.0	5.0	3.5	2.5	1.0	3.5	3.0	5.0	5.0	4.5	5.5	7.5	8.0	6.5	5.0	4.5	6.0	4.5	3.0	3.5	2.5	4.0	5.5	12.0
4	4.5	3.0	3.0	2.0	6.5	3.5	3.5	3.5	3.0	4.0	4.5	6.0	6.5	11.5	9.0	10.5	13.0	10.5	9.0	4.0	4.0	4.5	2.0	5.0	5.5	13.0
5	4.5	4.0	5.0	4.0	3.5	2.5	3.5	2.0	3.0	4.5	6.5	6.0	6.0	5.5	8.5	7.0	6.0	7.0	6.5	7.5	5.5	4.0	5.0	6.0	5.0	8.5
6	4.0	5.0	2.5	1.0	1.0	2.5	1.5	1.0	4.0	3.5	5.5	6.5	5.5	6.5	8.0	7.5	7.5	13.0	10.0	9.5	7.5	3.5	4.0	2.0	5.0	13.0
7	2.5	3.0	6.0	4.0	1.0	2.0	1.0	1.0	2.5	4.5	9.0	8.0	8.5	11.5	19.0	11.5	7.0	13.5	15.5	7.5	9.5	8.0	13.0	7.5	7.5	19.0
8	5.5	3.5	5.0	5.0	3.0	1.5	1.0	2.5	3.5	5.0	6.5	8.5	9.0	8.5	8.5	9.5	11.5	6.0	4.5	3.5	5.0	6.0	6.5	3.0	5.5	11.5
9	6.0	4.5	1.5	1.5	2.0	1.0	1.0	2.5	5.0	5.5	7.0	6.0	7.5	8.5	12.0	9.0	8.5	6.0	6.0	4.0	4.5	3.5	7.0	9.0	5.5	12.0
10	6.5	6.5	5.0	4.0	2.5	3.5	2.0	3.0	2.5	6.5	6.5	5.5	6.0	5.5	9.5	16.5	13.0	8.5	6.5	5.5	11.5	10.0	5.0	4.5	6.5	16.5
11	3.5	3.0	1.0	3.0	4.0	3.5	3.5	2.0	3.0	5.0	4.5	5.0	4.5	6.5	6.0	14.0	10.0	8.5	18.0	8.5	3.0	2.5	3.5	2.5	5.5	18.0
12	3.0	4.0	3.5	4.0	7.0	8.0	2.5	4.0	4.0	5.0	6.0	6.5	14.0	10.0	7.0	7.5	6.5	7.5	3.5	10.5	8.5	5.0	4.5	5.0	6.0	14.0
13	5.0	6.5	3.5	4.0	3.0	4.0	3.0	5.0	4.0	5.0	5.5	7.0	7.5	9.0	8.5	10.0	8.0	5.5	4.0	4.5	6.5	4.0	6.5	7.0	5.5	10.0
14	3.5	1.5	2.5	3.5	3.5	3.0	2.5	3.0	3.5	4.5	7.5	6.0	6.5	9.5	17.0	15.5	10.0	9.0	7.0	4.5	5.5	4.5	3.0	4.0	6.0	17.0
15	3.0	3.0	4.0	4.0	4.5	5.5	4.0	2.0	5.0	6.5	6.0	8.5	7.5	7.5	7.0	8.5	5.5	5.5	5.5	4.5	8.0	9.0	5.5	4.5	5.5	9.0
16	4.5	3.0	1.5	1.0	3.5	2.5	1.0	3.0	2.0	3.0	3.5	5.0	5.5	8.0	8.0	7.0	7.0	6.5	7.0	9.0	6.5	2.0	4.5	3.5	4.5	9.0
17	4.0	3.5	5.0	5.5	2.5	1.0	1.0	1.5	5.0	9.0	8.0	6.5	7.5	7.0	7.5	8.5	9.0	10.5	18.5	11.5	7.0	6.5	4.5	5.0	6.5	18.5
18	5.0	9.0	7.0	6.5	8.0	1.0	1.0	2.0	3.5	2.5	5.0	9.5	7.0	11.0	13.5	13.5	13.5	11.5	6.5	5.0	7.5	5.5	3.5	1.5	6.5	13.5
19	1.0	1.5	2.0	5.0	5.0	4.5	2.0	4.0	3.0	4.5	5.5	6.0	5.5	10.0	11.5	14.0	8.5	6.5	13.5	9.0	6.0	13.0	11.0	11.5	7.0	14.0
20	7.0	5.0	4.0	5.0	3.0	5.5	4.0	4.5	3.0	4.0	4.5	5.5	7.5	6.5	7.0	18.5	16.0	9.0	4.0	4.5	4.0	2.0	4.0	5.0	6.0	18.5
21	4.5	4.0	5.0	4.5	5.0	6.5	4.5	2.5	3.5	4.5	5.5	6.5	9.0	8.0	6.5	10.0	13.0	7.5	5.5	3.5	9.0	10.0	3.5	2.5	6.0	13.0
22	2.5	2.5	3.5	5.0	4.0	4.0	3.5	4.0	3.5	4.5	5.0	6.5	7.0	7.5	9.0	6.0	12.0	8.0	7.5	8.5	7.5	4.5	3.5	6.0	5.5	12.0
23	4.5	4.0	5.0	4.0	5.0	6.5	3.5	4.0	3.5	4.5	6.0	6.5	7.0	8.0	10.0	7.0	7.0	7.0	7.5	8.0	9.0	5.0	4.5	7.0	6.0	10.0
24	6.5	5.5	10.0	4.5	4.0	3.5	3.5	5.0	3.5	4.0	6.0	7.0	7.0	8.0	7.0	7.0	12.0	12.5	9.0	7.5	5.0	8.0	1.5	3.0	6.5	12.5
25	4.0	3.0	5.0	4.0	3.0	3.5	4.0	6.5	7.0	6.5	6.0	9.0	9.0	15.5	16.0	14.0	16.0	13.5	7.0	5.0	7.0	3.0	3.5	2.5	7.0	16.0
26	2.0	4.0	2.0	4.0	4.5	4.0	2.5	2.5	4.0	4.0	4.5	6.5	6.0	7.5	9.5	11.5	5.0	5.5	5.0	4.5	5.0	7.0	3.5	5.5	5.0	11.5
27	6.5	4.0	4.5	4.0	3.0	4.0	2.5	3.5	6.5	6.0	5.5	7.0	7.5	7.5	8.0	8.5	9.0	10.0	8.0	5.5	6.0	3.5	4.5	5.5	6.0	10.0
28	1.5	3.5	3.0	2.5	3.5	4.5	4.5	4.5	3.0	3.5	4.5	7.0	8.5	10.5	17.0	16.0	6.5	6.0	4.5	5.5	3.5	3.5	4.5	5.5	5.5	17.0
29	3.0	4.0	3.0	5.5	5.0	6.0	4.5	4.0	3.5	4.5	5.5	7.0	8.0	15.5	8.0	12.0	8.5	7.5	8.5	8.0	7.5	9.5	11.5	14.5	7.5	15.5
30	9.0	8.5	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	9.0	9.0
31	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	7.5	8.5	8.0	6.5	7.5	13.5	9.0	15.0	19.0	9.0	5.0	6.5	9.5	19.0
AV	4.5	4.5	5.0	4.5	4.0	3.5	2.5	3.0	4.0	5.0	6.0	6.5	7.5	9.0	10.0	11.0	9.5	9.0	8.0	7.0	6.5	6.0	5.0	5.5	6.5	[ ]
SD	2.0	2.4	3.5	2.8	1.7	1.7	1.2	1.3	1.4	1.3	1.1	1.2	1.7	2.4	3.4	3.5	3.3	2.9	3.8	2.7	3.1	2.9	2.6	2.8	1.1	[ ]

OUTPT (VERSION N 28 JUL 76)

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	35	355	65	355	40	60	110	170	250	250	[VA]	255	245	285	230	275	260	210	165	30	95	85	45	50	[VA]	
2	35	335	250	195	35	45	105	140	155	195	205	235	270	255	320	225	265	265	285	320	[VA]	25	35	35	[VA]	
3	50	15	[VA]	35	30	65	[VA]	120	210	170	175	190	220	190	200	195	170	210	200	215	[VA]	265	265	40	10	
4	195	190	200	220	235	215	200	210	220	225	225	240	225	215	240	250	275	330	265	250	270	[VA]	340	40	11	
5	45	30	20	45	40	65	[VA]	210	230	235	230	275	290	300	320	280	275	315	300	45	20	285	345	270	14	
6	280	270	230	195	155	85	5	[VA]	50	250	285	300	210	[VA]	120	115	90	85	50	90	[VA]	355	45	310	5	
7	40	135	60	45	75	[VA]	105	110	65	45	30	[VA]	40	45	60	20	15	340	265	260	285	30	35	35	3	
8	[VA]	235	190	120	65	35	110	95	95	[VA]	120	160	165	190	335	265	205	120	130	120	105	[VA]	75	[VA]	6	
9	[VA]	[VA]	105	355	[VA]	35	35	165	160	250	255	[VA]	190	240	350	310	260	285	260	115	105	90	100	[VA]	[VA]	
10	50	45	35	45	45	30	[VA]	170	235	225	235	305	[VA]	185	200	185	180	220	245	[VA]	295	[VA]	40	35	3	
11	30	45	40	[VA]	30	[VA]	160	205	225	240	255	265	275	270	265	275	275	275	270	275	265	285	280	290	13	
12	300	30	[VA]	35	25	45	[VA]	130	175	[VA]	15	30	20	25	40	40	25	20	20	335	315	345	[VA]	340	[VA]	
13	30	40	[VA]	20	30	40	70	95	[VA]	230	[VA]	150	200	25	5	275	160	190	210	350	40	45	25	15	2	
14	40	35	40	40	40	60	95	120	185	230	160	210	220	[VA]	[VA]	230	235	235	220	[VA]	40	10	275	260	[VA]	
15	300	340	10	10	50	70	80	75	65	70	60	55	70	70	70	75	75	70	70	65	65	70	70	70	4	
16	70	60	65	50	80	60	150	95	30	65	60	[VA]	[VA]	15	305	295	300	[VA]	[VA]	355	10	[VA]	15	35	4	
17	40	30	35	35	45	65	[VA]	145	145	170	335	285	320	305	285	[VA]	145	[VA]	300	30	80	50	25	35	3	
18	30	[VA]	50	40	25	70	200	215	205	305	15	290	210	225	230	210	235	200	235	255	265	275	255	[VA]	11	
19	30	[VA]	40	265	275	[VA]	[VA]	205	235	250	300	80	255	190	95	170	160	[VA]	[VA]	225	125	105	95	[VA]	13	
20	25	355	[VA]	[VA]	65	[VA]	120	125	225	165	105	115	[VA]	140	170	150	205	190	60	120	105	60	60	55	6	
21	40	280	225	[VA]	[VA]	210	155	140	135	180	195	205	165	150	250	[VA]	40	80	230	40	240	265	245	120	12	
22	[VA]	50	30	295	25	50	60	165	220	220	265	260	265	150	180	190	225	205	180	60	30	355	[VA]	80	[VA]	
23	40	45	40	245	[VA]	290	225	215	240	300	270	210	200	215	265	90	[VA]	110	60	70	65	55	355	350	[VA]	
24	70	75	45	20	60	60	50	285	310	280	225	255	215	195	175	355	240	70	35	35	30	95	50	55	3	
25	40	55	55	[VA]	35	35	45	130	140	170	195	255	305	235	220	345	225	150	110	115	65	45	50	30	3	
26	35	35	60	30	40	45	105	150	205	190	120	220	260	300	280	340	300	140	115	35	25	55	30	35	3	
27	15	90	45	35	50	20	100	135	185	220	165	300	305	260	240	240	250	320	320	10	50	50	60	45	3	
28	40	35	[VA]	[VA]	[VA]	40	180	185	170	220	345	45	75	205	215	220	210	220	205	200	185	325	265	305	10	
29	35	45	285	290	345	20	80	120	225	115	210	270	240	190	[VA]	305	305	325	285	280	275	275	310	315	15	
30	50	25	10	[VA]	45	35	90	235	115	120	245	215	240	250	270	265	45	180	110	110	185	80	55	65	3	
31	40	60	55	55	45	45	180	185	190	235	260	255	290	210	145	180	150	185	290	335	15	60	75	50	3	
PV	3	3	3	2	3	3	5	7	11	[VA]	11	12	12	[VA]	11	13	13	10	[VA]	3	2	3	3	3	3	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JUNE,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 19/SEP/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	30	55	55	35	60	[VA]	165	160	185	250	5	305	245	225	200	225	245	250	250	275	[VA]	285	50	40	12	
2	40	10	85	[VA]	[VA]	325	140	210	210	140	45	260	260	295	190	210	180	190	210	230	210	15	30	55	10	
3	45	50	30	45	340	355	[VA]	205	225	185	200	195	195	205	220	205	200	220	230	235	215	220	270	[VA]	10	
4	60	355	25	30	100	[VA]	210	165	170	210	215	210	210	195	210	200	205	220	235	235	235	250	295	10	[VA]	
5	25	30	45	30	45	50	160	205	180	20	350	305	210	175	180	175	190	170	190	195	355	45	40	45	9	
6	50	45	55	50	350	[VA]	[VA]	225	165	205	195	205	195	190	185	180	185	165	170	175	225	265	140	235	10	
7	125	235	315	[VA]	30	355	240	170	195	200	200	210	290	260	250	220	210	205	175	180	60	75	85	75	10	
8	60	35	315	300	255	45	[VA]	215	165	190	190	205	200	185	205	195	210	210	230	245	245	250	285	290	10	
9	30	40	40	35	30	60	125	150	215	275	265	225	195	200	205	215	215	215	210	215	190	255	35	35	11	
10	45	50	50	65	350	40	95	205	190	185	190	175	180	180	180	180	200	190	205	215	295	290	275	280	9	
11	275	25	35	310	30	225	265	285	225	210	220	205	250	275	230	225	250	285	285	270	235	185	205	220	11	
12	255	255	285	340	40	50	[VA]	230	225	245	245	270	265	245	240	225	235	240	245	285	235	300	0	60	12	
13	135	115	300	265	275	30	90	105	50	140	280	285	290	280	290	350	300	290	340	310	50	55	65	65	14	
14	65	140	90	55	35	45	185	230	235	265	250	235	200	245	[VA]	305	245	35	45	35	25	50	25	35	3	
15	35	50	30	60	10	50	110	155	165	145	115	260	205	[VA]	265	320	265	275	340	155	195	230	200	185	10	
16	260	280	255	205	230	230	115	170	210	325	290	210	310	280	295	290	285	275	280	280	290	350	120	105	14	
17	110	75	75	85	30	65	240	280	215	195	115	65	270	10	40	65	310	150	160	170	340	65	85	75	4	
18	60	60	40	45	45	55	115	185	220	210	270	270	285	260	325	275	[VA]	40	55	65	65	65	70	60	[VA]	
19	50	40	40	65	340	35	140	205	240	240	[VA]	195	175	210	255	245	265	[VA]	[VA]	40	55	60	55	35	3	
20	15	[VA]	[VA]	10	100	[VA]	245	200	195	[VA]	140	235	250	205	215	220	220	215	210	195	185	215	[VA]	45	11	
21	45	295	20	35	40	45	55	295	305	260	240	240	235	235	230	235	240	220	215	205	195	200	215	205	11	
22	195	205	210	185	190	165	145	120	125	[VA]	15	[VA]	250	100	285	5	340	275	25	100	70	65	80	50	5	
23	50	40	280	235	[VA]	40	140	240	255	240	215	225	240	255	260	270	280	270	275	275	300	350	335	25	12	
24	350	355	295	10	40	55	100	155	230	230	225	220	230	215	255	210	230	270	280	280	280	275	265	140	11	
25	45	35	35	5	45	40	95	170	230	210	240	230	220	225	235	220	230	250	250	255	245	245	245	310	11	
26	20	340	20	275	290	30	[VA]	330	190	300	[VA]	130	280	290	260	285	100	280	0	350	350	330	315	[VA]	14	
27	30	50	35	65	50	55	100	160	170	150	195	180	260	270	270	260	245	290	310	325	350	300	340	25	[VA]	
28	35	50	[VA]	355	[VA]	315	150	200	205	155	65	65	140	190	240	305	0	35	45	35	20	50	45	125	3	
29	335	30	0	305	25	105	80	170	175	195	210	170	285	215	215	210	275	240	125	120	165	175	175	180	10	
30	180	175	195	265	270	175	170	190	215	220	200	205	190	195	185	200	240	350	290	190	220	25	310	265	10	
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	
PV	3	2	[VA]	3	2	3	7	9	11	10	10	10	[VA]	10	[VA]	10	11	13	[VA]	11	11	4	3	3	10	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	210	270	230	230	110	115	220	205	200	265	270	260	140	130	160	225	220	225	225	230	10	45	350	10	11	
2	35	75	75	75	125	80	225	255	235	235	275	290	255	280	260	230	255	235	220	275	290	280	335	25	13	
3	80	70	75	110	25	340	130	210	230	150	215	270	320	290	[VA]	300	305	270	350	10	35	40	345	50	[VA]	
4	45	45	35	10	30	45	100	110	200	165	215	285	300	270	245	260	250	250	240	285	20	50	30	25	3	
5	35	45	35	40	45	60	70	180	190	210	265	305	210	240	305	285	325	330	25	5	5	30	35	20	3	
6	355	35	35	315	350	35	[VA]	165	215	175	160	195	[VA]	235	150	155	210	270	295	270	300	15	10	30	[VA]	
7	260	15	355	0	35	10	95	165	265	230	250	275	185	165	185	120	130	170	135	165	165	135	175	175	8	
8	175	85	50	40	35	45	145	195	250	245	225	235	285	280	240	160	210	355	110	75	70	85	120	45	5	
9	275	265	320	325	280	30	55	180	180	230	260	260	275	285	230	190	235	185	110	55	65	235	235	175	13	
10	160	165	130	0	20	25	75	190	255	240	290	275	[VA]	335	270	205	170	235	285	355	80	105	180	175	9	
11	0	275	30	50	30	35	95	145	195	240	[VA]	210	[VA]	160	155	220	230	225	275	270	350	[VA]	30	35	11	
12	35	40	120	205	200	225	220	145	225	270	270	260	260	0	195	160	125	155	[VA]	315	355	10	75	60	11	
13	80	65	0	35	45	75	220	235	280	180	260	195	260	240	295	265	310	325	345	345	0	0	320	10	[VA]	
14	[VA]	250	20	35	35	70	[VA]	200	210	205	115	[VA]	[VA]	275	265	245	255	260	290	300	315	275	[VA]	240	13	
15	325	355	35	35	40	35	115	140	150	95	60	[VA]	15	340	80	145	265	200	115	45	35	45	60	35	3	
16	40	345	295	10	40	25	85	120	115	170	155	240	200	275	240	[VA]	330	350	15	30	15	[VA]	245	70	2	
17	325	45	25	45	350	[VA]	130	120	200	250	270	275	270	150	190	345	340	330	285	220	250	210	80	85	13	
18	280	60	210	315	355	55	90	120	135	[VA]	20	[VA]	265	275	270	270	270	270	240	165	150	105	95	200	13	
19	50	275	270	300	330	330	320	260	340	220	190	210	250	[VA]	220	175	130	175	185	200	[VA]	255	275	110	13	
20	110	80	45	295	[VA]	20	60	130	140	175	215	150	195	210	175	255	255	155	185	245	90	355	50	45	9	
21	35	45	35	40	40	35	105	120	165	225	240	200	220	230	290	250	345	350	330	325	5	0	[VA]	[VA]	[VA]	
22	50	20	45	35	60	40	100	135	155	195	220	195	150	185	230	[VA]	50	25	0	355	340	330	10	30	2	
23	250	35	40	40	40	40	95	125	185	310	340	340	295	15	20	65	75	60	45	50	45	70	100	105	[VA]	
24	110	40	45	60	45	40	65	125	115	[VA]	270	235	280	290	185	220	200	180	165	185	145	210	275	[VA]	3	
25	205	160	180	190	140	95	135	170	195	250	160	[VA]	120	180	120	165	250	250	115	115	80	215	80	[VA]	[VA]	
26	255	[VA]	40	35	75	45	[VA]	175	140	180	200	225	190	225	240	205	20	140	155	145	80	100	195	120	10	
27	245	280	35	25	40	45	230	215	220	195	235	210	[VA]	335	[VA]	290	0	330	320	290	330	[VA]	35	25	11	
28	45	355	40	50	30	35	65	120	165	185	165	185	245	275	330	0	330	0	320	340	310	25	45	30	3	
29	[VA]	340	30	30	45	35	70	105	165	210	265	285	255	150	165	300	350	0	20	50	45	70	75	75	3	
30	330	20	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[VA]	
31	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	315	295	315	340	0	290	250	220	215	260	50	70	[VA]	
PV	3	3	[VA]	3	2	3	5	7	10	9	13	[VA]	13	13	12	11	[VA]	1	14	1	1	3	3	3	3	

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	6.5	7.5	3.0	2.5	4.5	2.0	2.0	3.0	4.5	3.0	4.0	5.0	6.0	9.0	7.0	9.0	9.0	9.5	4.5	4.5	9.0	11.0	11.5	6.0	6.0	11.5
2	3.0	5.0	3.0	1.5	2.0	7.0	4.5	6.5	4.5	4.0	4.5	6.5	8.5	7.5	7.0	4.0	3.5	4.5	2.5	3.0	2.5	11.0	10.5	13.5	5.5	13.5
3	12.5	8.5	2.5	2.0	5.5	8.5	5.0	4.0	5.0	6.0	5.0	4.5	5.0	12.0	9.0	12.0	10.5	8.5	8.5	6.5	8.5	10.0	9.0	9.0	7.5	12.5
4	9.5	8.5	10.0	8.5	9.0	12.0	12.5	11.0	14.0	18.0	16.5	15.0	16.5	14.0	15.0	15.5	15.0	11.5	11.5	9.5	10.0	9.5	5.5	5.0	12.0	18.0
5	2.0	1.5	3.5	3.5	1.0	1.0	1.0	2.0	2.0	3.0	4.5	8.5	11.0	12.0	11.5	11.5	8.0	10.0	13.0	3.0	2.0	6.5	7.5	14.0	6.0	14.0
6	10.5	9.5	4.5	4.0	6.0	6.5	4.5	6.5	4.5	7.0	9.5	9.0	7.0	4.5	7.5	10.0	9.0	5.5	5.0	6.5	5.5	5.5	4.5	2.5	6.5	10.5
7	2.0	1.5	2.0	3.0	4.0	3.0	3.5	3.5	5.0	6.5	6.5	7.0	9.5	10.0	7.0	6.5	5.0	4.0	9.5	8.0	6.0	3.5	5.5	5.5	5.5	10.0
8	4.5	10.5	6.5	5.5	4.5	3.0	6.0	6.0	8.0	9.0	6.5	5.0	5.0	6.5	5.5	9.5	11.5	6.0	5.5	5.5	5.5	5.5	7.5	4.0	6.5	11.5
9	4.5	8.0	5.0	4.5	6.5	5.0	2.5	2.0	2.5	5.5	5.0	5.5	4.0	7.5	8.0	8.0	13.0	12.0	8.5	9.0	10.0	9.5	9.0	10.5	7.0	13.0
10	10.0	7.0	6.0	4.5	3.5	2.0	1.5	2.5	4.0	3.5	2.0	3.0	4.0	6.5	4.5	5.0	3.0	2.5	2.0	1.0	1.0	2.5	4.5	6.0	4.0	10.0
11	3.0	2.5	9.0	7.0	6.0	2.0	1.0	1.0	1.5	11.5	14.5	19.5	18.5	13.5	20.5	21.0	24.0	23.0	22.0	20.5	23.5	19.5	16.0	10.5	13.0	24.0
12	11.0	6.5	4.0	5.0	3.5	5.5	3.5	4.5	6.0	5.5	14.0	14.0	15.5	11.5	11.0	11.0	9.5	8.5	7.0	5.0	3.0	4.5	3.0	4.5	7.5	15.5
13	4.0	2.5	2.5	6.5	9.0	7.0	7.5	6.5	5.0	6.0	5.5	7.0	6.0	6.0	6.5	5.0	4.0	4.0	4.0	4.0	2.5	10.5	4.0	5.0	5.5	10.5
14	4.5	4.5	3.0	6.5	6.0	10.0	9.5	5.5	4.5	5.5	4.5	5.5	6.5	10.5	9.0	9.0	12.0	14.0	7.5	9.0	14.0	12.0	11.5	11.5	8.0	14.0
15	14.5	9.5	6.0	7.0	7.0	12.5	18.5	8.5	12.5	15.5	13.5	12.0	13.5	[MT]	19.5	22.0	23.5	22.0	22.5	21.5	18.0	17.0	14.5	14.0	15.0	23.5
16	13.5	11.5	12.0	9.0	9.5	8.0	10.0	8.5	9.5	7.0	6.0	6.0	6.5	5.0	6.5	6.0	3.5	4.0	2.0	1.5	1.0	2.0	1.0	3.0	6.5	13.5
17	6.5	5.0	1.5	3.0	1.0	2.5	4.0	1.0	2.0	3.0	3.5	4.0	5.5	7.5	7.0	3.0	4.0	3.5	1.5	4.0	8.5	10.0	11.0	10.0	4.5	11.0
18	11.0	5.5	3.0	2.0	5.0	2.0	2.0	5.5	4.5	7.0	6.5	7.0	8.0	17.5	14.5	12.0	13.0	9.5	12.5	10.5	11.5	6.5	7.5	6.5	8.0	17.5
19	9.5	8.0	8.0	9.0	4.0	4.5	5.0	5.0	7.0	6.5	9.5	7.5	7.5	10.5	8.5	9.5	10.5	6.5	5.5	8.5	11.0	9.0	10.0	5.0	7.5	11.0
20	6.0	6.5	3.0	5.0	5.5	11.5	7.0	6.5	4.5	4.5	8.0	9.0	10.0	11.5	9.0	8.5	6.0	5.0	5.0	6.5	6.5	7.0	6.5	7.0	7.0	11.5
21	7.5	3.5	5.0	6.0	5.5	2.5	2.5	4.5	6.5	5.5	6.5	10.5	8.0	8.5	4.5	4.5	3.0	2.5	4.0	3.5	6.5	6.5	6.0	7.5	5.5	10.5
22	7.5	6.0	6.0	4.0	2.5	2.5	2.0	4.0	5.0	6.0	8.0	7.5	9.5	12.5	11.0	9.5	15.5	13.5	9.5	7.0	4.5	3.0	6.5	10.0	7.0	15.5
23	9.5	6.5	3.0	2.5	4.0	3.5	4.0	4.0	4.0	4.5	4.5	5.5	5.5	5.5	8.0	5.5	6.0	4.5	7.0	6.0	6.5	5.5	12.5	6.0	5.5	12.5
24	6.0	7.0	5.0	8.5	4.0	8.0	3.5	6.0	4.5	5.5	5.5	7.0	4.5	7.0	8.0	11.0	9.5	7.5	4.5	6.5	8.0	7.0	7.5	12.0	7.0	12.0
25	6.0	6.0	3.0	2.0	2.5	4.0	2.5	3.5	3.5	4.5	5.5	7.5	16.0	16.5	14.5	13.0	5.5	5.5	5.5	6.5	6.0	8.0	6.0	5.5	6.5	16.5
26	3.5	3.0	8.0	7.0	6.0	4.5	3.0	3.0	5.5	5.0	6.0	6.5	7.5	6.5	6.5	7.0	7.0	3.5	3.5	2.0	4.5	8.5	11.5	9.5	6.0	11.5
27	10.0	3.5	4.5	2.5	2.0	2.5	4.5	3.0	4.5	6.0	5.5	6.0	9.0	8.5	8.0	10.0	7.5	9.5	9.0	5.5	5.5	10.0	11.5	10.5	6.5	11.5
28	9.5	7.5	4.0	2.0	1.5	3.0	2.5	2.5	4.5	5.0	8.5	8.5	7.5	14.0	15.0	11.5	14.5	13.5	9.0	8.0	9.0	10.5	10.0	9.5	8.0	15.0
29	5.0	6.5	3.0	5.5	4.0	5.5	5.5	7.0	4.5	4.5	6.0	8.5	7.0	10.0	9.5	19.0	15.5	10.5	13.5	9.0	12.5	12.0	3.5	5.0	8.0	19.0
30	4.5	5.0	7.0	4.5	4.0	5.0	7.5	6.5	6.5	4.5	6.5	7.5	9.0	9.0	7.0	5.5	11.5	10.5	12.0	12.0	8.5	7.5	9.5	10.5	7.5	12.0
31	9.0	9.0	3.0	4.5	9.0	3.0	5.0	4.5	4.5	3.5	4.0	6.5	8.0	6.5	12.5	13.0	11.0	10.0	7.0	6.0	5.0	10.0	13.0	14.0	7.5	14.0
AV	7.5	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.5	6.0	7.0	8.0	8.5	9.5	9.5	10.0	10.0	8.5	8.0	7.0	8.0	8.5	8.5	8.0	7.0	[ ]
SD	3.4	2.6	2.5	2.2	2.3	3.2	3.6	2.3	2.6	3.3	3.4	3.4	3.7	3.3	4.0	4.6	5.3	5.0	5.0	4.5	4.7	3.8	3.5	3.4	2.3	[ ]

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10.5	3.5	4.0	7.0	5.0	5.5	3.5	3.5	4.5	5.0	6.5	5.5	7.0	9.0	9.5	13.5	14.0	15.0	12.0	6.5	7.5	11.5	12.0	11.5	8.0	15.0
2	12.0	8.5	4.5	3.5	4.5	4.0	3.5	5.0	4.5	6.0	7.0	10.5	15.0	9.5	10.5	10.5	11.5	9.5	8.5	8.0	9.0	8.5	10.0	11.0	8.0	15.0
3	11.0	12.5	10.5	4.0	4.5	4.5	3.5	3.0	5.5	10.5	12.0	12.5	12.5	16.5	16.0	14.5	14.5	12.0	15.0	11.5	7.5	9.0	10.0	10.0	10.0	16.5
4	11.0	12.0	4.5	8.5	7.5	3.5	4.0	3.5	5.5	5.5	11.5	12.5	12.0	12.0	11.5	11.0	11.0	13.0	13.5	11.5	7.0	8.5	9.5	10.5	9.0	13.5
5	6.5	4.5	12.5	6.5	4.0	4.0	2.5	3.0	5.0	5.5	6.0	9.5	10.0	8.5	9.0	9.5	8.0	7.5	8.0	7.0	7.5	8.5	9.5	6.0	7.0	12.5
6	9.0	12.0	11.5	8.5	8.0	4.5	3.5	4.0	5.5	10.5	10.5	12.5	12.0	13.0	11.0	9.0	10.5	10.0	10.5	9.5	6.0	8.0	10.0	9.0	9.0	13.0
7	8.0	7.0	4.5	2.0	4.5	3.5	4.5	5.5	6.5	9.5	9.0	9.5	10.0	10.5	12.5	11.5	12.5	9.5	8.5	9.0	10.0	6.0	6.0	7.5	8.0	12.5
8	6.0	6.0	5.0	3.5	1.5	4.5	5.5	7.0	10.0	10.0	11.5	12.0	11.5	13.5	12.0	9.0	12.5	9.5	12.5	13.5	8.5	8.0	6.5	5.0	8.5	13.5
9	5.0	4.0	5.0	9.5	7.5	8.5	5.5	6.5	6.0	9.5	9.0	11.5	12.0	12.0	14.5	13.5	14.0	17.5	14.0	10.0	5.5	7.5	10.5	13.0	9.5	17.5
10	12.0	13.0	11.0	8.0	10.5	10.5	8.0	9.5	11.0	13.0	11.5	14.0	13.0	17.0	17.5	18.0	17.5	17.0	15.5	14.5	11.5	8.5	10.0	2.0	12.5	18.0
11	4.0	4.5	3.5	5.0	5.5	6.0	8.5	12.5	16.0	15.0	13.5	15.0	16.0	18.0	17.5	20.0	19.0	18.0	17.0	17.5	7.0	10.5	8.5	10.0	12.0	20.0
12	11.0	9.0	7.5	7.0	4.0	7.5	7.0	9.0	11.0	14.0	15.0	15.0	11.0	15.5	16.0	14.5	13.0	12.5	16.5	14.5	11.0	8.0	7.0	4.0	11.0	16.5
13	6.5	9.0	12.0	10.0	5.5	5.0	7.0	8.0	7.5	6.5	10.0	14.5	13.0	9.0	5.0	9.0	14.5	22.0	10.5	12.0	8.0	8.0	5.5	8.5	9.5	22.0
14	7.5	6.5	6.5	4.5	8.0	7.0	7.5	12.0	13.5	10.0	10.5	8.0	8.0	9.5	10.5	8.5	6.0	5.0	11.0	17.0	9.0	3.5	1.5	4.5	8.0	17.0
15	2.0	7.5	8.0	3.5	3.5	6.0	4.0	4.0	5.0	5.5	5.5	6.5	6.5	5.0	8.0	7.0	6.0	6.5	5.0	10.0	8.5	11.5	13.0	14.0	7.0	14.0
16	12.0	12.0	6.5	3.5	4.5	4.0	6.5	8.5	8.0	9.5	7.5	7.5	8.5	12.0	11.5	13.5	19.0	16.5	12.0	15.5	18.5	12.0	16.0	11.5	10.5	19.0
17	9.5	10.0	9.0	7.5	5.0	4.0	5.5	5.0	5.0	3.5	6.5	6.0	10.5	10.5	6.0	9.5	6.0	8.0	7.0	8.0	2.0	6.5	9.5	8.0	7.0	10.5
18	7.0	8.0	5.5	3.0	2.5	2.5	3.5	4.0	5.0	6.5	12.0	14.0	13.5	12.0	10.0	8.5	7.5	7.5	11.5	15.5	14.0	8.0	8.5	6.5	8.0	15.5
19	5.5	6.5	5.0	2.5	2.0	2.5	3.5	5.0	5.0	5.0	5.0	5.0	9.0	8.5	8.0	6.5	7.0	4.0	4.5	3.5	5.5	6.5	6.0	3.0	5.0	9.0
20	2.5	2.5	2.5	3.0	2.5	1.5	3.5	3.5	5.5	6.5	7.0	12.5	10.5	12.5	16.5	15.0	16.5	14.0	12.0	9.5	13.0	11.0	10.0	10.0	8.5	16.5
21	11.0	12.5	9.0	6.0	5.0	10.0	10.0	6.0	6.5	8.0	15.0	18.5	17.0	17.0	19.5	17.0	15.5	12.5	9.5	8.5	8.0	11.5	10.0	8.5	11.5	19.5
22	12.0	14.0	12.0	15.5	16.0	10.0	12.0	14.5	11.0	12.5	15.0	8.0	7.0	11.0	11.0	10.5	12.0	16.5	6.5	8.0	7.5	6.5	9.0	6.0	11.0	16.5
23	5.0	8.0	3.5	5.0	4.0	3.0	6.0	12.5	11.0	7.0	9.0	12.0	13.0	13.5	16.0	20.0	22.0	22.5	25.0	23.5	19.0	8.0	3.0	3.5	11.5	25.0
24	2.0	1.0	2.0	3.5	4.0	3.5	4.5	5.5	7.5	8.0	11.5	10.0	11.5	12.0	11.5	9.0	10.0	13.5	17.0	16.5	16.0	15.0	12.5	8.0	9.0	17.0
25	7.0	9.0	5.0	2.5	3.0	4.0	4.5	4.0	5.0	9.0	18.0	20.5	19.5	18.5	18.5	16.5	16.5	15.0	17.0	15.0	16.0	10.5	12.5	10.0	11.5	20.5
26	11.0	8.5	6.0	8.0	10.0	6.5	6.5	4.5	7.0	9.0	6.0	8.5	7.0	8.0	6.5	9.5	9.5	6.5	5.5	4.5	3.5	4.0	5.0	3.5	7.0	11.0
27	7.5	12.5	8.5	7.0	6.5	9.0	2.5	4.0	5.0	3.5	4.5	5.5	9.5	16.0	12.0	7.5	9.5	12.5	7.5	6.5	5.5	5.5	2.0	5.5	7.5	16.0
28	9.5	11.0	5.0	4.0	2.5	5.5	3.5	3.5	5.5	3.5	5.0	5.0	6.5	6.5	6.5	6.5	7.0	7.5	5.5	5.0	3.5	6.5	8.0	8.0	6.0	11.0
29	5.0	3.5	2.0	4.0	2.5	2.5	3.0	3.0	4.0	5.0	5.5	5.0	8.0	7.0	15.0	8.5	5.5	7.0	14.0	11.0	8.0	10.0	14.0	13.0	7.0	15.0
30	12.0	6.0	9.0	9.0	5.5	5.0	6.5	8.0	10.5	11.0	10.5	11.5	11.5	11.5	11.0	11.5	12.5	11.0	7.5	8.0	5.5	7.0	5.5	10.5	9.0	12.5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	8.0	8.0	6.5	6.0	5.5	5.5	5.5	6.5	7.5	8.0	9.5	10.5	11.0	12.0	12.0	11.5	12.0	12.0	11.5	11.0	9.0	8.5	8.5	8.0	9.0	[ ]
SD	3.2	3.5	3.2	2.9	3.0	2.4	2.3	3.2	3.0	3.1	3.5	4.0	3.1	3.5	3.9	3.8	4.3	4.7	4.5	4.5	4.2	2.4	3.4	3.2	1.9	[ ]

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	9.5	10.0	6.5	6.0	6.5	5.5	4.5	7.0	9.0	10.5	6.5	9.5	7.5	8.5	7.0	9.0	9.0	9.0	7.5	6.5	6.0	8.5	8.0	3.5	7.5	10.5
2	2.0	8.0	15.0	11.0	6.5	6.0	5.5	4.5	5.0	5.0	7.5	7.5	7.0	8.0	15.5	20.0	17.5	16.0	10.5	8.0	7.5	11.0	8.5	6.0	9.0	20.0
3	11.5	7.0	4.0	7.5	5.5	5.5	2.0	3.5	4.0	4.5	4.0	5.5	6.5	17.0	8.5	7.5	7.0	5.5	5.5	5.0	5.5	5.0	10.0	9.5	6.5	17.0
4	4.0	3.5	5.5	3.5	3.5	6.5	4.0	4.5	4.5	4.0	6.0	6.5	6.5	14.0	10.0	12.5	15.0	13.5	11.5	5.5	6.5	7.0	7.5	5.0	7.0	15.0
5	4.5	7.0	5.5	8.5	6.0	2.5	4.0	3.5	6.5	5.5	7.5	7.0	6.5	8.5	9.5	9.0	7.0	8.0	6.5	4.0	5.5	10.0	10.0	11.0	7.0	11.0
6	6.0	3.5	8.0	8.0	4.5	3.0	3.5	3.5	4.0	5.0	4.5	6.0	6.5	5.0	7.5	8.0	6.5	10.5	11.5	11.5	7.0	6.0	5.5	7.5	6.5	11.5
7	7.0	5.0	7.5	6.0	3.0	2.5	3.0	2.5	5.0	7.0	10.5	10.0	10.0	9.0	9.5	12.0	9.5	10.5	13.0	8.5	11.0	7.5	8.0	9.0	8.0	13.0
8	7.0	7.5	5.0	5.0	1.5	2.0	2.5	4.0	4.5	5.5	6.5	7.5	11.0	8.5	10.5	7.5	6.5	7.0	4.5	5.5	6.5	7.0	10.0	9.0	6.5	11.0
9	8.0	5.0	7.0	9.5	5.5	4.5	4.5	6.0	7.0	7.5	8.0	8.5	8.0	7.5	9.0	8.0	8.0	6.0	5.0	5.0	6.5	7.5	8.0	9.0	7.0	9.5
10	7.5	8.0	9.5	4.5	4.0	4.0	3.0	6.5	4.5	6.0	6.5	6.0	7.0	7.0	11.0	14.0	11.5	10.5	8.5	3.0	10.5	9.5	5.5	5.0	7.0	14.0
11	4.5	5.5	3.5	7.0	10.0	6.0	5.0	4.0	6.5	5.0	5.0	6.5	7.0	8.0	6.0	11.0	9.0	6.5	17.0	7.5	4.5	5.5	5.0	6.0	6.5	17.0
12	8.5	8.0	11.0	13.5	8.5	6.0	4.5	5.0	8.5	8.5	6.5	8.5	14.5	10.5	8.5	8.0	8.5	9.0	11.5	7.5	5.0	5.5	7.5	10.0	8.5	14.5
13	6.5	4.5	6.0	5.0	5.5	6.5	3.5	5.5	4.5	5.0	6.0	7.0	8.0	12.0	10.0	10.5	11.5	8.0	5.0	2.0	2.5	3.0	5.0	4.5	6.0	12.0
14	4.0	3.5	1.0	3.0	4.0	7.0	5.0	5.0	5.0	5.5	5.5	7.0	7.5	12.5	17.0	13.5	12.0	12.5	10.0	6.5	5.0	6.0	6.0	7.0	7.0	17.0
15	7.5	4.5	4.0	3.0	4.0	4.0	4.5	3.5	6.5	7.0	7.5	8.0	9.5	8.0	6.5	6.5	6.5	6.0	4.5	2.5	5.0	6.0	8.5	9.0	6.0	9.5
16	8.5	6.0	2.5	2.5	3.5	2.5	2.0	3.0	3.5	5.0	6.5	6.5	6.5	9.0	9.0	7.0	7.5	7.0	6.5	4.0	1.5	7.0	13.0	13.5	6.0	13.5
17	6.0	5.0	5.0	5.5	5.5	4.0	4.0	5.0	9.0	11.5	8.5	7.0	7.0	5.0	6.5	10.0	12.0	9.5	19.5	8.0	8.0	9.5	5.5	6.0	7.5	19.5
18	5.5	8.5	9.0	4.5	3.5	2.5	1.5	4.5	5.0	4.0	7.0	8.0	6.5	11.5	15.0	15.5	13.0	12.5	6.0	4.0	7.0	8.5	7.5	4.0	7.5	15.5
19	3.5	3.0	2.5	4.0	2.0	4.0	3.0	3.0	4.0	4.0	6.0	6.5	6.5	9.5	8.5	9.5	8.5	7.5	10.5	13.5	8.5	11.5	10.0	10.0	6.5	13.5
20	13.5	10.5	6.5	6.5	5.0	10.0	7.0	6.5	3.5	5.5	4.0	5.0	5.0	5.5	4.5	17.0	17.0	5.5	5.5	5.5	8.5	8.0	8.0	9.5	7.5	17.0
21	5.5	4.0	3.0	3.5	4.5	8.5	6.0	4.5	4.0	5.5	6.0	5.5	9.0	7.5	10.0	9.0	8.0	6.5	6.0	3.5	4.0	4.5	2.0	4.0	5.5	10.0
22	4.5	2.5	2.5	3.0	5.0	6.5	4.0	4.5	4.0	5.0	5.0	5.0	8.5	8.5	7.5	7.5	8.5	7.5	6.0	6.0	4.0	4.5	2.0	8.5	5.5	8.5
23	4.5	4.0	4.5	9.0	8.0	4.5	5.0	3.5	4.5	5.0	7.0	6.5	6.5	10.0	9.5	8.5	8.0	9.5	11.5	9.0	7.5	6.5	8.0	6.0	7.0	11.5
24	3.5	3.0	3.0	6.5	6.5	5.5	4.5	5.5	5.5	6.5	6.0	5.5	8.0	8.5	6.5	6.0	8.0	7.5	6.0	8.0	8.0	9.0	8.5	12.5	6.5	12.5
25	11.0	10.5	8.5	9.5	10.5	9.5	8.0	7.5	8.5	7.5	7.5	6.5	10.5	12.0	10.0	13.5	16.0	16.0	9.0	6.0	7.5	5.5	2.5	3.5	9.0	16.0
26	4.5	6.0	5.0	5.5	7.5	6.0	5.0	2.5	2.5	3.5	4.0	5.0	5.5	6.5	11.5	8.0	8.0	7.0	6.0	4.0	5.0	8.0	10.5	12.0	6.0	12.0
27	12.5	9.5	6.0	5.5	9.0	4.0	3.5	7.5	5.0	4.5	4.0	8.5	12.0	9.5	7.0	9.0	7.5	9.0	10.0	5.5	3.0	1.0	4.5	4.5	7.0	12.5
28	3.5	4.5	3.5	4.0	4.0	8.5	4.0	5.0	5.0	4.0	6.0	6.5	9.5	12.5	14.5	9.5	8.0	5.0	5.0	7.0	4.0	4.5	9.5	4.5	6.5	14.5
29	3.0	2.0	3.0	5.5	7.0	6.5	4.5	4.5	4.0	4.5	8.0	7.0	7.0	11.0	8.5	16.0	9.5	7.5	7.0	5.0	3.0	5.5	7.0	8.0	6.5	16.0
30	5.5	6.5	4.0	5.0	3.5	5.5	4.0	7.0	6.5	7.5	6.0	6.0	6.0	6.5	9.0	8.5	9.0	7.5	16.5	10.0	7.5	10.5	10.5	11.5	7.5	16.5
31	8.0	7.0	14.5	9.5	4.5	5.5	5.0	6.0	4.0	5.5	6.5	7.5	10.5	8.5	7.0	7.0	6.5	15.0	13.5	13.0	15.5	11.0	6.5	5.5	8.5	15.5
AV	6.5	6.0	6.0	6.0	5.5	5.5	4.0	5.0	5.5	6.0	6.5	7.0	8.0	9.0	9.5	10.5	9.5	9.0	9.0	6.5	6.5	7.0	7.5	7.5	7.0	[ ]
SD	2.8	2.4	3.3	2.6	2.2	2.0	1.4	1.4	1.7	1.8	1.4	1.2	2.1	2.6	2.8	3.4	3.1	3.0	3.9	2.8	2.7	2.4	2.6	2.8	.9	[ ]

OUTPT [VERSION N 28 JUL 76]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

MAY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 19/SEP/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	140	145	245	200	145	195	75	110	280	270	265	295	295	295	295	295	295	265	215	155	150	150	155	[VA]	13	
2	55	190	280	[VA]	115	170	135	105	60	355	295	305	290	260	285	300	250	285	245	235	220	145	135	135	14	
3	135	205	150	75	125	105	255	[VA]	285	295	280	355	280	240	215	245	205	215	230	195	180	215	230	205	11	
4	205	190	180	165	185	195	205	200	215	240	245	235	240	235	250	255	260	300	285	235	235	200	230	210	11	
5	[VA]	265	110	[VA]	220	220	110	285	295	295	310	290	285	295	305	295	315	295	290	10	80	265	300	255	14	
6	270	275	240	170	150	120	115	85	350	285	305	280	220	315	90	75	80	45	90	125	130	145	200	180	5	
7	[VA]	135	140	115	130	[VA]	70	110	90	50	80	55	35	35	25	45	10	15	270	245	185	135	140	185	3	
8	140	195	210	195	130	115	115	95	110	125	120	135	220	270	295	200	235	190	125	120	120	130	135	75	6	
9	160	230	205	160	160	160	285	290	150	285	290	290	280	310	295	300	280	275	175	195	170	180	140	130	14	
10	125	155	150	150	145	115	290	305	310	300	295	310	285	225	190	215	230	295	280	215	195	220	205	170	14	
11	150	160	190	190	160	160	80	280	295	265	280	260	280	260	270	270	280	280	280	275	265	280	290	280	13	
12	255	235	210	220	185	220	240	175	320	335	0	5	30	30	15	30	50	15	10	275	205	130	105	155	2	
13	160	[VA]	85	155	145	130	135	120	110	260	60	20	50	345	295	325	95	320	250	215	150	145	160	55	7	
14	75	5	25	130	155	145	140	155	350	295	320	295	305	290	265	220	245	250	220	165	165	165	180	180	8	
15	225	285	330	325	40	[VA]	75	55	45	45	35	25	40	[MT]	30	70	60	65	60	55	60	45	75	70	3	
16	55	65	50	[VA]	85	100	100	70	50	15	350	0	350	310	305	315	320	345	55	275	315	135	125	[VA]	3	
17	155	165	175	210	175	95	55	315	340	325	325	280	290	310	310	285	35	30	345	100	155	170	155	145	15	
18	135	240	185	[VA]	235	[VA]	90	110	280	310	325	345	305	245	240	245	250	210	245	245	255	245	230	185	12	
19	175	185	165	175	195	260	225	220	265	325	310	[VA]	295	240	20	195	180	145	165	175	180	115	105	[VA]	9	
20	50	235	240	235	160	165	150	150	285	200	90	220	175	135	165	150	200	190	155	160	115	145	160	150	8	
21	145	180	185	155	115	230	100	100	95	120	175	215	160	120	185	30	0	280	230	180	220	260	240	135	9	
22	140	145	195	210	[VA]	145	205	270	250	235	280	295	310	235	215	165	235	215	180	115	175	245	175	185	11	
23	160	135	175	190	305	[VA]	225	225	250	265	235	270	295	300	275	280	350	50	45	80	170	165	245	30	13	
24	105	120	115	245	155	120	120	300	325	310	305	300	265	235	175	[VA]	[VA]	45	150	185	155	145	145	155	8	
25	195	[VA]	50	300	210	175	[VA]	45	290	300	280	275	290	245	235	350	205	40	110	115	160	135	180	220	10	
26	200	170	160	145	160	[VA]	[VA]	300	295	340	25	65	305	275	10	340	280	335	315	30	125	125	135	135	7	
27	140	250	250	[VA]	225	[VA]	100	[VA]	30	325	310	310	290	315	325	270	260	270	260	215	170	140	170	155	13	
28	155	215	235	[VA]	345	100	295	280	65	40	300	45	45	240	220	225	225	240	210	190	170	170	175	220	11	
29	190	165	225	260	265	220	200	135	245	345	300	280	290	[VA]	220	275	305	315	295	285	270	265	300	250	[VA]	
30	210	160	155	245	150	155	165	190	65	75	285	290	290	275	285	20	130	150	105	120	155	150	120	125	8	
31	115	135	315	[VA]	130	155	100	0	45	345	300	295	275	145	95	265	245	255	265	235	215	165	140	130	7	
PV	[VA]	8	9	9	8	6	[VA]	[VA]	14	[VA]	14	14	14	13	14	13	12	13	13	11	[VA]	8	7	9	[VA]	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	170	110	130	[VA]	240	255	325	[VA]	80	310	330	295	295	220	210	250	250	255	255	230	195	190	160	160	12	
2	160	185	85	205	185	235	60	40	10	40	310	270	280	210	200	185	220	210	185	225	230	195	165	165	10	
3	150	150	185	195	175	140	255	355	265	175	205	190	195	230	230	205	220	215	240	245	225	170	195	195	10	
4	165	185	220	140	[VA]	145	270	45	340	325	200	190	220	210	210	210	215	230	235	240	225	190	175	145	10	
5	225	170	130	215	230	325	315	30	0	320	325	265	165	175	190	180	185	185	170	170	195	165	155	[VA]	9	
6	105	155	150	165	180	230	225	290	20	200	185	190	210	210	180	185	190	170	225	140	195	190	145	140	[VA]	
7	225	220	260	150	170	105	[VA]	70	220	220	210	195	245	245	240	225	235	200	170	165	145	165	170	170	11	
8	160	190	240	[VA]	285	[VA]	110	175	175	200	195	190	205	195	225	240	210	215	240	255	215	175	250	230	10	
9	215	215	180	155	170	180	150	115	305	300	240	190	210	200	225	215	220	240	230	230	210	190	155	125	11	
10	[VA]	155	135	140	155	165	175	190	175	165	185	180	180	170	180	185	195	190	210	225	260	300	300	20	[VA]	
11	175	195	205	200	185	215	280	255	225	215	220	220	225	260	245	250	250	290	290	275	150	185	175	[VA]	[VA]	
12	245	240	235	230	160	155	175	240	260	270	265	265	250	255	255	255	250	245	260	255	240	235	205	[VA]	12	
13	115	155	215	250	245	150	135	[VA]	60	15	285	280	300	310	305	315	310	290	315	270	195	210	145	55	14	
14	[VA]	[VA]	215	195	220	220	215	255	265	255	290	265	280	260	280	280	290	355	[VA]	45	25	60	40	[VA]	13	
15	35	135	135	260	200	185	[VA]	0	20	55	[VA]	40	320	250	5	295	260	275	45	160	185	190	195	200	[VA]	
16	185	190	200	130	190	225	180	195	235	250	295	255	300	310	305	310	300	290	285	285	295	325	130	150	[VA]	
17	125	120	115	[VA]	190	205	210	245	315	310	345	30	270	315	10	50	285	130	145	155	210	[VA]	[VA]	130	7	
18	120	[VA]	[VA]	[VA]	200	[VA]	70	290	305	300	280	285	295	305	305	300	[VA]	30	50	60	55	85	80	95	14	
19	150	135	195	175	225	[VA]	300	245	310	310	350	300	290	300	290	315	300	10	30	80	180	120	120	55	[VA]	
20	320	275	200	240	285	70	265	335	50	45	40	260	235	190	220	225	230	230	205	175	160	170	230	220	11	
21	210	205	235	190	115	195	190	240	295	300	240	250	245	245	255	250	240	235	205	195	180	170	160	190	9	
22	165	165	180	165	195	150	140	155	145	135	140	[VA]	265	105	275	335	325	280	90	155	125	120	90	105	7	
23	100	130	230	225	240	195	255	265	265	280	265	270	275	275	270	280	280	280	275	280	280	300	335	70	12	
24	15	15	[VA]	190	60	355	175	260	290	270	275	255	255	265	280	280	270	270	285	280	275	275	260	235	13	
25	125	115	25	75	45	95	105	30	300	270	255	255	245	235	250	250	250	260	260	260	260	215	190	220	12	
26	230	235	245	260	275	275	285	335	310	300	305	300	330	305	310	315	300	305	355	330	335	245	255	200	15	
27	140	145	135	140	150	125	300	310	305	275	305	300	305	295	300	290	260	285	340	300	280	250	[VA]	130	14	
28	140	155	245	255	250	240	65	295	295	300	325	250	295	295	290	315	355	5	25	65	65	155	130	120	14	
29	205	[VA]	50	200	[VA]	140	60	310	10	310	305	265	315	270	235	240	25	260	110	140	240	190	170	160	13	
30	160	165	165	160	200	180	180	205	220	230	240	195	200	180	180	195	195	285	215	[VA]	[VA]	175	185	170	9	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	8	8	11	8	9	8	9	12	14	14	[VA]	13	13	13	12	12	11	13	11	12	10	9	8	7	11	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
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* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	165	175	225	165	175	160	200	220	220	225	220	295	90	95	[CA]	240	220	220	220	210	160	150	210	300	11	
2	[VA]	[VA]	90	90	[VA]	165	200	255	290	275	290	290	335	320	250	265	255	255	260	250	275	285	290	[VA]	14	
3	100	100	110	135	170	255	305	310	15	50	275	310	310	[VA]	10	325	335	0	5	285	225	155	115	140	15	
4	45	[VA]	180	[VA]	135	[VA]	55	[VA]	340	305	285	305	[VA]	280	305	260	240	255	255	235	175	110	150	[VA]	12	
5	185	140	155	150	110	355	40	280	285	290	285	300	295	295	325	340	305	[VA]	[VA]	340	100	150	155	135	14	
6	260	125	150	165	215	180	[VA]	295	90	305	315	300	300	[VA]	0	245	290	290	290	270	260	155	205	155	14	
7	120	155	155	255	150	160	25	340	45	305	300	[VA]	110	170	135	75	130	205	180	230	165	220	200	150	[VA]	
8	180	180	235	240	255	[VA]	220	60	330	300	320	295	305	290	120	165	215	255	[CA]	170	165	165	145	150	8	
9	180	195	145	150	175	180	130	195	225	265	280	300	315	325	160	[VA]	[VA]	[VA]	[VA]	165	150	160	200	125	8	
10	190	190	155	270	175	215	[VA]	120	[VA]	305	295	310	305	320	280	185	125	[VA]	295	0	80	145	225	270	15	
11	195	235	200	140	150	180	120	335	290	315	345	305	280	290	330	245	245	225	280	260	180	170	140	180	9	
12	155	180	200	205	195	210	160	175	240	235	225	250	250	295	130	165	195	175	165	270	335	215	115	115	10	
13	105	135	150	130	125	165	[VA]	300	320	[VA]	5	305	290	305	315	265	265	290	270	[VA]	45	145	255	[VA]	14	
14	205	205	[VA]	110	235	125	140	275	285	290	330	0	310	305	285	265	260	275	285	290	240	230	225	240	[VA]	
15	235	215	165	[VA]	145	175	[VA]	[VA]	35	55	30	40	0	[VA]	[VA]	[VA]	0	5	30	45	130	100	145	140	3	
16	145	210	275	50	220	85	[VA]	80	0	45	30	320	290	315	295	340	340	335	345	30	55	175	230	225	16	
17	190	145	220	175	180	90	110	[VA]	240	275	280	330	310	275	250	260	300	315	285	[VA]	[VA]	190	100	115	13	
18	220	[VA]	140	270	260	255	240	115	100	300	280	300	290	300	300	285	275	280	265	[VA]	[VA]	110	115	175	13	
19	265	205	140	245	110	110	60	320	60	[VA]	300	310	330	265	180	165	130	130	175	180	175	250	230	135	7	
20	145	150	165	255	170	175	135	145	330	300	280	280	285	[VA]	45	295	255	[VA]	160	175	165	145	105	115	8	
21	220	90	330	175	110	140	130	255	315	315	300	295	285	315	300	275	320	315	305	330	320	275	95	210	[VA]	
22	165	[VA]	[VA]	170	170	220	[VA]	100	35	310	320	350	35	35	280	265	355	25	345	350	250	260	225	150	[VA]	
23	[VA]	95	150	145	135	[VA]	90	330	335	320	300	310	345	330	350	55	355	30	45	80	100	205	160	205	16	
24	[VA]	245	35	100	155	135	120	130	[VA]	260	[VA]	335	45	285	35	[VA]	175	180	145	165	170	195	215	190	9	
25	215	190	170	185	195	180	165	190	220	260	250	225	160	170	95	135	250	260	125	105	100	130	280	195	9	
26	240	250	150	145	140	120	185	320	65	0	325	295	275	305	250	170	115	115	110	120	180	145	170	210	6	
27	155	125	190	165	155	190	[VA]	275	260	245	[VA]	270	[VA]	5	10	275	265	315	295	270	255	255	150	105	13	
28	[VA]	170	170	170	155	155	[VA]	[VA]	75	0	125	[VA]	315	285	315	335	340	320	325	305	260	175	140	195	15	
29	195	[VA]	145	140	145	165	185	[VA]	285	315	285	320	55	[VA]	80	295	315	340	15	65	65	105	90	85	15	
30	0	5	80	215	165	230	180	260	310	15	340	330	300	[VA]	290	310	330	335	285	260	195	65	85	105	16	
31	85	230	275	270	305	125	125	110	35	340	325	330	290	305	5	340	325	270	255	225	230	295	85	110	15	
PV	9	9	8	7	7	8	7	13	14	14	14	15	15	14	14	13	16	[VA]	[VA]	13	[VA]	8	11	6	14	

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

MAY,1976

AEROVIRONMENT INC.

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* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
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* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	9	8	7	6	5	4	5	7	8	10	12	14	15	16	17	18	19	19	18	17	15	14	14	12	12	19
2	11	12	12	11	9	9	8	10	12	14	17	18	19	20	20	20	21	20	20	19	18	16	16	15	15	21
3	14	11	10	10	11	10	9	10	12	14	16	20	21	22	23	22	22	22	21	20	19	18	17	17	16	23
4	16	15	16	15	14	14	15	16	17	19	19	19	20	20	21	21	20	19	17	16	15	15	14	14	17	21
5	12	13	12	11	11	10	10	12	13	15	17	18	19	19	20	19	19	18	17	16	15	14	13	12	15	20
6	10	9	8	8	8	8	9	9	9	11	11	10	8	9	10	12	12	12	12	10	9	9	9	9	10	12
7	9	9	9	9	9	9	8	9	10	11	12	12	13	14	15	15	15	15	13	11	11	10	9	9	11	15
8	10	9	7	7	7	7	7	7	7	8	9	9	11	13	13	11	9	10	10	10	10	10	10	10	9	13
9	10	9	9	9	9	9	9	10	12	13	14	15	16	17	18	19	19	18	15	12	11	11	11	11	13	19
10	10	10	9	9	9	9	9	10	11	13	15	17	18	19	19	19	19	20	19	19	18	16	16	16	15	20
11	14	13	15	15	15	14	13	15	16	19	21	21	18	19	21	20	21	20	18	17	15	14	12	11	17	21
12	10	10	9	8	8	8	8	9	10	12	14	14	14	15	16	17	17	18	18	17	16	15	15	12	13	18
13	12	12	10	11	9	9	10	11	14	16	18	19	19	21	22	22	23	23	23	22	20	19	18	16	17	23
14	15	15	14	14	14	14	15	17	18	20	22	25	27	28	28	29	29	28	27	25	24	24	23	23	22	29
15	22	19	16	15	12	11	10	11	12	13	14	15	15	(MT)	15	15	14	14	12	11	10	9	8	8	13	22
16	7	6	6	5	5	5	6	7	8	10	12	13	14	16	17	17	18	18	18	17	16	15	14	12	12	18
17	12	12	11	11	10	9	10	12	14	16	19	21	23	25	26	26	26	26	25	23	23	21	22	20	18	26
18	20	17	17	17	17	15	16	18	20	21	24	25	26	27	27	26	26	25	25	24	22	22	21	20	22	27
19	20	19	19	19	18	17	17	19	20	21	22	21	20	19	18	19	18	19	19	20	18	17	16	16	19	22
20	15	15	15	15	14	14	14	14	15	16	18	18	16	16	17	18	19	19	18	17	16	15	15	15	16	19
21	15	14	13	14	13	13	13	14	15	15	15	14	12	12	13	14	14	13	12	12	12	11	10	10	13	15
22	10	11	10	10	10	10	11	11	12	14	15	16	17	12	13	13	13	12	11	11	11	11	11	11	12	16
23	11	10	10	10	9	9	10	10	12	13	14	16	17	18	19	20	20	20	19	18	17	16	16	14	14	20
24	13	13	13	13	13	12	13	13	14	16	17	18	18	19	20	20	15	15	15	14	14	14	13	12	15	20
25	12	10	10	9	10	9	9	11	13	15	17	19	19	17	18	14	14	16	16	15	14	13	13	13	14	19
26	12	12	10	11	10	10	10	12	13	15	16	17	18	19	20	20	21	21	20	19	18	17	16	16	16	21
27	15	12	13	12	11	11	12	14	16	17	20	22	23	24	25	25	25	25	25	23	22	20	20	20	19	25
28	19	19	17	15	15	16	15	16	18	21	22	21	24	26	27	27	27	26	26	24	23	22	21	20	21	27
29	18	17	18	17	15	15	15	15	17	19	20	22	22	23	23	20	20	20	19	18	17	15	14	14	18	23
30	13	13	12	11	10	10	11	13	14	15	16	18	19	20	20	20	16	15	14	13	13	13	13	12	14	20
31	13	13	12	11	12	10	11	12	14	16	19	21	23	23	24	25	25	25	24	22	22	20	19	19	18	25
AV	13	12	12	12	11	11	11	12	13	15	17	18	18	19	20	19	19	19	18	17	16	15	15	14	15	[ ]
SD	4	3	3	3	3	3	3	3	3	3	4	4	4	5	4	4	5	4	5	4	4	4	4	4	3	[ ]

OUTPT [VERSION N 28 JUL 76]

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
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* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	18	16	17	17	16	13	15	17	19	22	24	25	25	26	27	27	28	27	27	25	23	23	22	21	22	28
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OUTPT [VERSION N 28 JUL 76]

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

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OUTPT (VERSION N 28 JUL 76)

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

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OUTPT [VERSION N 28 JUL 76]

SIGMA-THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JUNE,1976

AEROVIRONMENT INC.

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*                    *
*  PRELIMINARY DATA  *
*  AS OF 19/SEP/76   *
*                    *
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*                    *
*    SUBJECT TO      *
*     REVISION       *
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CLOCK HOUR [LOCAL STANDARD TIME]

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OUTPT [VERSION N 28 JUL 76]

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JULY,1976

AEROVIRONMENT INC.

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* PRELIMINARY DATA   *
* AS OF 19/SEP/76    *
*                    *
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*                    *
*   SUBJECT TO       *
*     REVISION       *
*                    *
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CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	16	11	9	10	11	12	13	14	16	14	13	14	9	9	9	10	11	15	13	14	12	12	11	10	12	16
2	8	6	7	8	7	9	11	12	13	11	12	12	14	15	15	9	8	8	8	6	5	7	7	12	10	15
3	8	8	10	11	9	7	6	8	10	11	12	14	15	11	15	13	12	11	11	12	7	10	10	10	10	15
4	11	12	12	13	14	12	15	12	12	15	16	13	12	11	14	14	9	9	8	6	9	7	7	8	11	16
5	8	8	8	8	8	8	9	9	9	11	12	11	13	13	11	11	12	12	12	13	11	10	10	10	10	13
6	11	11	10	8	9	9	10	10	10	11	14	18	16	15	14	13	11	9	7	6	5	4	5	5	10	18
7	7	7	8	9	10	10	11	12	13	11	11	9	9	9	9	9	9	9	9	9	9	9	9	9	9	13
8	9	9	10	10	8	9	9	10	11	10	10	10	9	8	10	11	13	13	11	15	18	16	16	14	11	18
9	18	18	17	18	18	15	16	16	16	12	12	15	14	15	15	16	17	13	10	9	14	13	11	11	15	18
10	10	10	9	9	8	7	5	7	12	14	12	10	10	10	9	9	9	9	11	9	8	8	7	7	9	14
11	7	5	6	6	7	6	10	11	11	12	11	11	11	11	10	10	10	11	7	6	9	10	10	12	9	12
12	14	15	16	17	16	13	12	12	13	13	10	11	11	10	11	13	13	14	13	14	8	8	9	10	12	17
13	10	6	8	4	7	8	10	8	11	12	13	14	15	14	14	12	11	14	8	10	12	13	7	7	10	15
14	13	6	8	9	10	11	12	8	10	10	10	10	10	10	8	7	10	8	7	8	5	6	6	6	9	13
15	9	8	8	9	9	10	10	10	11	13	13	13	12	12	11	11	11	12	10	10	8	9	10	11	10	13
16	9	13	6	9	11	8	7	10	10	13	16	17	18	16	14	15	18	16	15	10	13	12	12	14	13	18
17	9	10	11	12	11	12	6	14	12	10	11	12	12	13	12	12	10	10	7	5	9	9	12	11	11	14
18	12	10	9	8	7	6	5	6	7	7	11	7	8	9	8	7	8	6	8	8	8	8	8	7	8	12
19	9	10	14	9	6	5	10	11	14	15	16	18	18	11	8	9	9	9	11	14	12	11	7	6	11	18
20	6	6	6	7	7	7	9	8	7	8	8	8	8	8	9	9	7	9	11	11	10	8	9	10	8	11
21	12	12	11	10	10	9	8	9	8	14	12	16	16	10	12	13	13	15	10	12	11	9	11	11	11	16
22	10	11	11	10	10	6	11	13	16	14	15	15	15	14	14	14	13	12	12	10	8	5	5	7	11	16
23	9	10	10	10	7	5	8	10	13	14	14	16	18	20	18	14	12	10	8	8	7	8	8	8	11	20
24	9	10	9	2	8	10	10	12	12	12	12	12	11	11	11	11	11	11	10	10	15	13	12	14	11	15
25	14	15	13	15	16	17	15	15	14	11	9	9	12	14	13	9	6	5	9	9	6	7	8	9	11	17
26	8	4	7	5	6	8	9	9	8	12	12	19	18	20	11	10	12	12	9	5	10	16	17	14	11	20
27	13	15	11	11	12	11	14	9	13	9	12	14	12	15	15	17	17	14	11	6	4	6	7	10	12	17
28	14	12	10	7	6	6	5	6	10	9	10	11	12	14	12	16	14	12	12	9	3	6	5	4	9	16
29	7	8	9	10	10	11	12	14	14	13	12	14	14	12	14	10	12	12	12	6	2	10	11	10	11	14
30	10	9	9	7	6	6	6	8	13	9	10	11	12	13	14	14	14	15	8	6	5	6	6	7	9	15
31	7	8	7	6	5	7	9	7	7	8	8	9	11	12	11	10	10	8	6	8	12	7	5	8	8	12
AV	10	10	10	9	9	9	10	10	11	12	12	13	13	12	12	12	11	11	10	9	9	9	9	9	10	[ ]
SD	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	2	3	4	3	3	3	1	[ ]

OUTPT (VERSION N 28 JUL 76)

SIGMA-W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.28	.38	.26	.12	.14	.14	.14	.24	.28	.32	.40	.44	.42	.44	.44	.40	.40	.36	.24	.14	.40	.46	.52	.50	.32	.52
2	.20	.32	.28	.10	.10	.20	.24	.26	.32	.32	.36	.40	.38	.40	.36	.28	.26	.24	.12	.08	.10	.26	.28	.34	.26	.40
3	.44	.38	.14	.10	.14	.22	.20	.20	.24	.30	.32	.38	.40	.52	.56	.50	.50	.52	.40	.42	.54	.60	.38	.56	.38	.60
4	.60	.60	.66	.64	.64	.70	.70	.68	.70	.66	.62	.64	.64	.64	.58	.56	.52	.44	.44	.42	.38	.62	.48	.50	.58	.70
5	.28	.20	.12	.14	.12	.10	.14	.22	.28	.34	.40	.44	.52	.50	.48	.44	.36	.32	.46	.20	.14	.22	.30	.40	.30	.52
6	.36	.32	.22	.22	.36	.28	.30	.28	.20	.24	.28	.28	.42	.24	.28	.32	.36	.16	.18	.34	.32	.42	.28	.12	.28	.42
7	.08	.08	.08	.08	.16	.12	.14	.22	.24	.26	.28	.26	.34	.38	.34	.30	.26	.20	.28	.24	.30	.22	.12	.20	.22	.38
8	.30	.58	.44	.48	.28	.10	.30	.20	.20	.34	.46	.44	.34	.34	.36	.54	.58	.42	.24	.24	.40	.40	.48	.28	.36	.58
9	.22	.42	.36	.28	.38	.36	.22	.16	.24	.32	.34	.36	.38	.36	.36	.40	.42	.42	.58	.70	.72	.74	.64	.62	.42	.74
10	.56	.34	.30	.14	.12	.12	.10	.14	.22	.30	.32	.38	.40	.50	.46	.42	.30	.26	.18	.08	.16	.22	.48	.56	.30	.56
11	.30	.16	.60	.58	.48	.30	.20	.14	.16	.40	.48	.58	.62	.44	.62	.58	.68	.66	.64	.62	.66	.60	.52	.32	.48	.68
12	.30	.20	.14	.20	.16	.18	.20	.22	.28	.38	.58	.64	.54	.50	.50	.44	.36	.40	.38	.24	.20	.14	.12	.18	.32	.64
13	.14	.14	.12	.16	.20	.20	.22	.24	.28	.36	.38	.40	.40	.44	.42	.36	.32	.26	.20	.20	.32	.52	.24	.28	.28	.52
14	.24	.30	.24	.18	.22	.28	.28	.24	.26	.32	.34	.38	.40	.44	.46	.50	.54	.50	.46	.42	.58	.64	.72	.68	.40	.72
15	.68	.32	.32	.32	.20	.32	.62	.42	.38	.38	.44	.40	.40	(MT)	.28	.54	.54	.56	.52	.54	.50	.52	.44	.36	.44	.68
16	.42	.32	.26	.22	.28	.26	.34	.32	.36	.44	.44	.44	.42	.46	.44	.38	.42	.30	.14	.08	.08	.10	.08	.10	.30	.46
17	.14	.20	.14	.12	.10	.16	.22	.18	.30	.36	.38	.38	.40	.44	.44	.42	.34	.26	.22	.12	.38	.50	.46	.34	.30	.50
18	.36	.22	.14	.10	.24	.16	.22	.22	.24	.28	.38	.40	.44	.60	.60	.54	.48	.50	.48	.38	.32	.24	.30	.46	.34	.60
19	.48	.54	.48	.54	.36	.14	.18	.28	.32	.34	.38	.36	.28	.44	.28	.42	.46	.36	.42	.48	.66	.60	.52	.46	.40	.66
20	.22	.14	.10	.14	.18	.46	.48	.44	.24	.32	.40	.42	.46	.62	.62	.54	.44	.38	.26	.36	.28	.34	.46	.54	.36	.62
21	.24	.24	.16	.16	.24	.14	.10	.20	.28	.26	.46	.58	.54	.44	.32	.26	.18	.14	.18	.18	.26	.20	.20	.24	.26	.58
22	.30	.34	.44	.20	.12	.08	.10	.18	.24	.32	.30	.32	.34	.36	.52	.42	.62	.68	.66	.34	.18	.16	.26	.44	.34	.68
23	.48	.40	.20	.22	.18	.20	.22	.26	.26	.28	.30	.36	.36	.34	.38	.40	.34	.24	.18	.24	.34	.44	.42	.24	.30	.48
24	.18	.32	.18	.38	.30	.38	.20	.20	.28	.36	.38	.34	.26	.36	.54	.54	.52	.32	.24	.26	.54	.28	.34	.60	.34	.60
25	.38	.26	.14	.10	.14	.28	.18	.18	.28	.34	.34	.38	.48	.56	.60	.52	.30	.28	.34	.46	.54	.46	.30	.24	.34	.60
26	.14	.14	.20	.26	.22	.18	.18	.18	.26	.34	.38	.40	.44	.46	.46	.42	.40	.30	.24	.10	.12	.20	.36	.46	.28	.46
27	.42	.16	.14	.12	.10	.12	.14	.24	.30	.34	.42	.40	.46	.44	.48	.42	.46	.36	.34	.30	.42	.28	.36	.42	.32	.48
28	.38	.42	.28	.16	.08	.10	.12	.16	.26	.34	.34	.36	.36	.48	.62	.58	.64	.58	.56	.60	.54	.60	.60	.56	.40	.64
29	.36	.20	.20	.18	.14	.18	.24	.26	.30	.36	.34	.40	.42	.44	.48	.54	.52	.48	.46	.32	.30	.36	.18	.12	.32	.54
30	.12	.14	.16	.14	.12	.12	.22	.42	.32	.22	.30	.40	.40	.40	.34	.26	.36	.40	.46	.68	.66	.64	.60	.44	.34	.68
31	.64	.44	.18	.16	.28	.16	.18	.24	.30	.32	.34	.38	.44	.48	.46	.46	.50	.38	.28	.20	.26	.30	.38	.40	.34	.64
AV	.34	.30	.24	.22	.22	.22	.24	.26	.28	.34	.38	.42	.42	.44	.46	.44	.42	.38	.34	.32	.38	.40	.38	.38	.34	[ ]
SD	.15	.13	.14	.15	.12	.13	.14	.11	.09	.07	.08	.09	.08	.09	.10	.09	.12	.13	.15	.18	.18	.18	.16	.15	.07	[ ]

OUTPT (VERSION N 28 JUL 76)

SIGMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.38	.14	.28	.28	.16	.14	.18	.20	.28	.32	.36	.40	.40	.50	.56	.56	.54	.50	.42	.22	.42	.60	.58	.52	.38	.60
2	.58	.54	.22	.14	.20	.20	.14	.20	.32	.34	.34	.44	.48	.58	.62	.62	.56	.54	.58	.46	.46	.54	.56	.60	.42	.62
3	.48	.46	.54	.34	.16	.14	.14	.22	.30	.64	.68	.70	.70	.68	.64	.68	.68	.64	.60	.42	.38	.54	.62	.62	.50	.70
4	.58	.50	.18	.30	.32	.16	.16	.24	.30	.38	.60	.68	.64	.64	.60	.60	.62	.58	.54	.46	.34	.56	.62	.44	.46	.68
5	.24	.18	.28	.28	.22	.20	.14	.24	.34	.34	.42	.54	.60	.60	.58	.62	.60	.52	.50	.42	.46	.42	.28	.50	.40	.62
6	.28	.34	.64	.64	.64	.38	.16	.18	.30	.62	.68	.66	.64	.62	.62	.58	.54	.54	.72	.66	.68	.66	.70	.66	.54	.72
7	.70	.60	.18	.12	.12	.10	.20	.34	.46	.52	.50	.60	.52	.46	.52	.54	.58	.50	.58	.44	.46	.54	.52	.54	.44	.70
8	.56	.58	.28	.16	.10	.14	.26	.52	.68	.60	.66	.68	.66	.68	.62	.48	.60	.60	.52	.42	.34	.48	.34	.22	.46	.68
9	.20	.36	.38	.26	.22	.34	.26	.30	.32	.34	.50	.68	.68	.66	.64	.68	.68	.66	.66	.52	.36	.50	.34	.40	.46	.68
10	.54	.52	.66	.70	.66	.64	.54	.62	.68	.70	.72	.72	.72	.74	.76	.74	.78	.74	.74	.68	.50	.32	.30	.14	.62	.78
11	.10	.24	.14	.24	.34	.36	.28	.46	.64	.68	.70	.68	.66	.58	.62	.64	.62	.56	.52	.54	.30	.50	.46	.54	.48	.70
12	.36	.40	.34	.32	.22	.26	.48	.46	.48	.50	.52	.52	.52	.54	.56	.52	.52	.50	.52	.46	.46	.46	.50	.28	.44	.56
13	.24	.36	.54	.30	.24	.18	.34	.34	.32	.26	.32	.44	.42	.38	.30	.42	.54	.60	.48	.38	.48	.48	.32	.24	.38	.63
14	.34	.42	.28	.26	.46	.54	.52	.52	.48	.46	.46	.48	.46	.50	.48	.44	.40	.36	.28	.42	.34	.18	.10	.12	.36	.54
15	.10	.14	.20	.16	.22	.24	.18	.24	.36	.40	.40	.46	.46	.46	.44	.46	.40	.36	.24	.48	.64	.64	.70	.72	.38	.72
16	.72	.70	.56	.18	.28	.24	.48	.62	.46	.42	.30	.32	.34	.44	.50	.48	.54	.52	.42	.46	.58	.44	.50	.72	.46	.72
17	.62	.58	.42	.30	.18	.20	.34	.26	.26	.34	.34	.42	.48	.54	.40	.32	.24	.36	.50	.28	.16	.16	.30	.44	.36	.62
18	.50	.38	.20	.20	.12	.14	.20	.22	.30	.32	.44	.48	.50	.50	.48	.46	.38	.36	.28	.42	.40	.30	.32	.22	.34	.50
19	.36	.26	.18	.12	.10	.08	.12	.28	.34	.36	.38	.38	.42	.44	.44	.44	.42	.32	.20	.12	.28	.52	.52	.34	.30	.52
20	.18	.10	.10	.10	.08	.08	.12	.20	.32	.34	.38	.58	.56	.68	.64	.66	.64	.62	.64	.62	.58	.64	.58	.52	.42	.68
21	.60	.68	.54	.46	.30	.60	.66	.44	.28	.36	.56	.62	.60	.66	.58	.60	.60	.60	.58	.58	.58	.62	.66	.54	.56	.68
22	.60	.64	.68	.68	.76	.58	.54	.64	.60	.66	.54	.32	.26	.50	.52	.50	.50	.52	.22	.24	.48	.40	.26	.24	.50	.76
23	.12	.30	.28	.24	.22	.24	.24	.38	.40	.34	.40	.48	.48	.48	.52	.58	.62	.66	.70	.68	.60	.34	.14	.12	.40	.70
24	.14	.08	.08	.16	.26	.16	.18	.28	.30	.36	.44	.46	.48	.48	.48	.46	.42	.46	.50	.50	.48	.46	.36	.40	.34	.50
25	.30	.28	.26	.14	.14	.16	.16	.22	.24	.36	.56	.60	.64	.66	.60	.56	.56	.50	.50	.46	.48	.42	.64	.58	.42	.66
26	.52	.38	.22	.22	.32	.20	.26	.30	.36	.40	.44	.42	.44	.44	.44	.42	.40	.34	.28	.22	.14	.16	.14	.14	.32	.52
27	.18	.24	.28	.20	.20	.24	.14	.20	.26	.30	.34	.38	.40	.44	.46	.40	.42	.40	.30	.28	.22	.16	.12	.12	.28	.46
28	.20	.56	.26	.12	.10	.16	.16	.18	.24	.32	.38	.40	.40	.40	.40	.40	.36	.30	.22	.14	.10	.20	.52	.40	.28	.56
29	.20	.14	.10	.16	.10	.12	.14	.14	.30	.34	.34	.38	.42	.36	.58	.48	.34	.34	.50	.64	.66	.70	.66	.64	.36	.70
30	.62	.52	.56	.58	.30	.38	.36	.56	.56	.56	.60	.62	.62	.64	.64	.64	.66	.40	.26	.24	.34	.58	.56	.54	.52	.66
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	.38	.38	.32	.28	.26	.26	.26	.34	.38	.42	.48	.52	.52	.54	.54	.54	.52	.50	.46	.42	.42	.46	.44	.42	.42	[ ]
SD	.19	.18	.18	.17	.17	.15	.15	.15	.13	.13	.12	.12	.12	.10	.10	.10	.12	.12	.16	.15	.15	.16	.18	.19	.08	[ ]

OUTPT [VERSION N 28 JUL 76]

SIGMA-W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	DEAX
1	.54	.62	.36	.34	.54	.48	.46	.46	.56	.52	.48	.34	.26	.28	.36	.46	.50	.48	.44	.38	.44	.46	.42	.14	.44	.62
2	.10	.24	.60	.38	.26	.34	.30	.32	.24	.28	.36	.36	.42	.42	.54	.58	.54	.52	.40	.26	.20	.32	.28	.18	.36	.60
3	.36	.30	.16	.26	.20	.16	.14	.18	.32	.38	.40	.40	.42	.40	.46	.42	.38	.34	.24	.20	.18	.22	.32	.38	.30	.46
4	.22	.22	.28	.18	.18	.22	.20	.22	.32	.32	.34	.36	.44	.48	.44	.46	.52	.48	.42	.20	.28	.32	.38	.24	.32	.52
5	.28	.24	.20	.22	.18	.10	.14	.22	.26	.30	.34	.36	.40	.46	.48	.44	.38	.34	.26	.18	.12	.26	.50	.50	.30	.50
6	.24	.16	.20	.36	.32	.14	.12	.18	.30	.34	.36	.40	.44	.40	.38	.44	.34	.30	.30	.32	.22	.16	.14	.22	.28	.44
7	.34	.22	.30	.28	.12	.12	.16	.16	.10	.28	.40	.42	.44	.52	.56	.42	.48	.62	.66	.60	.58	.58	.66	.68	.40	.68
8	.64	.62	.56	.18	.10	.10	.10	.18	.24	.32	.38	.38	.46	.44	.48	.36	.42	.34	.28	.58	.58	.56	.68	.68	.40	.68
9	.64	.62	.56	.20	.12	.10	.10	.20	.24	.36	.32	.42	.38	.38	.64	.46	.46	.34	.28	.22	.42	.62	.58	.36	.38	.64
10	.64	.68	.64	.28	.12	.12	.12	.22	.30	.34	.36	.40	.40	.40	.52	.62	.56	.36	.26	.14	.54	.50	.56	.48	.38	.62
11	.22	.12	.10	.14	.22	.20	.20	.20	.28	.28	.38	.40	.42	.40	.34	.40	.34	.34	.50	.24	.18	.30	.28	.40	.28	.50
12	.40	.50	.64	.70	.54	.42	.34	.44	.44	.44	.36	.46	.54	.48	.48	.50	.48	.50	.38	.34	.22	.14	.22	.34	.42	.70
13	.22	.20	.22	.18	.14	.18	.16	.18	.28	.36	.40	.42	.44	.50	.44	.44	.42	.34	.22	.14	.10	.10	.22	.12	.26	.50
14	.14	.18	.10	.14	.12	.14	.20	.22	.24	.32	.82	.40	.44	.46	.50	.46	.44	.40	.34	.22	.14	.24	.36	.20	.30	.82
15	.22	.22	.14	.18	.16	.16	.16	.18	.26	.36	.38	.42	.42	.44	.46	.38	.36	.32	.22	.12	.14	.12	.32	.32	.26	.46
16	.38	.34	.14	.12	.12	.12	.04	.14	.20	.32	.38	.40	.42	.46	.44	.42	.42	.36	.26	.20	.12	.34	.60	.58	.30	.60
17	.28	.20	.22	.20	.26	.14	.18	.36	.44	.42	.40	.44	.38	.30	.46	.44	.42	.38	.54	.38	.22	.34	.28	.14	.32	.54
18	.20	.18	.52	.22	.10	.10	.14	.10	.28	.28	.28	.28	.30	.38	.46	.44	.40	.40	.28	.32	.62	.62	.52	.22	.32	.62
19	.14	.16	.16	.10	.04	.10	.10	.16	.26	.30	.38	.38	.42	.40	.48	.64	.52	.36	.46	.66	.66	.52	.36	.32	.34	.88
20	.44	.64	.32	.20	.14	.26	.32	.28	.26	.32	.34	.36	.40	.40	.38	.44	.54	.22	.18	.28	.36	.24	.24	.48	.34	.64
21	.22	.20	.14	.18	.14	.16	.18	.22	.22	.34	.32	.36	.38	.40	.40	.44	.42	.34	.26	.20	.20	.18	.14	.22	.26	.44
22	.26	.16	.12	.12	.14	.20	.18	.22	.32	.32	.38	.40	.40	.44	.44	.42	.38	.32	.30	.26	.14	.12	.10	.30	.26	.44
23	.26	.22	.16	.20	.18	.18	.22	.18	.26	.34	.34	.38	.42	.44	.42	.42	.42	.36	.32	.22	.22	.46	.66	.62	.32	.66
24	.28	.28	.12	.12	.22	.22	.18	.36	.40	.38	.40	.46	.44	.44	.44	.38	.58	.52	.40	.38	.52	.60	.48	.62	.38	.62
25	.60	.60	.48	.58	.64	.62	.48	.58	.48	.32	.32	.36	.56	.56	.56	.46	.40	.46	.36	.22	.20	.28	.16	.26	.44	.64
26	.14	.16	.14	.12	.28	.40	.22	.14	.14	.22	.32	.34	.40	.46	.50	.56	.50	.38	.24	.18	.48	.50	.56	.62	.34	.62
27	.60	.48	.42	.36	.46	.28	.12	.26	.32	.36	.38	.44	.48	.42	.40	.44	.38	.42	.40	.20	.10	.10	.14	.18	.34	.60
28	.12	.18	.12	.22	.18	.22	.18	.18	.26	.30	.38	.42	.46	.48	.56	.54	.42	.30	.26	.22	.14	.10	.18	.16	.28	.56
29	.10	.14	.10	.16	.16	.20	.24	.22	.26	.32	.38	.46	.40	.42	.38	.48	.48	.36	.28	.14	.14	.16	.22	.26	.28	.48
30	.18	.28	.14	.12	.10	.14	.14	.22	.34	.30	.34	.44	.42	.38	.40	.44	.42	.36	.46	.38	.32	.40	.40	.28	.30	.46
31	.26	.42	.32	.18	.12	.24	.28	.30	.40	.46	.46	.42	.42	.44	.44	.36	.44	.46	.56	.66	.40	.20	.12	.12	.36	.66
AV	.32	.32	.28	.24	.22	.22	.20	.24	.30	.34	.38	.40	.42	.42	.46	.46	.44	.38	.34	.30	.30	.32	.36	.34	.34	[ ]
SD	.17	.18	.18	.13	.14	.12	.10	.10	.09	.06	.09	.04	.05	.06	.07	.07	.06	.08	.11	.15	.17	.17	.18	.17	.05	[ ]

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	17.5	20.5	12.0	15.0	14.0	15.0	10.0	4.0	9.5	7.5	7.0	12.5	11.0	13.5	14.0	10.0	11.0	14.0	8.0	9.0	11.0	6.5	7.0	15.0	11.5	20.5
2	15.5	16.5	20.0	22.0	16.0	9.5	8.0	5.5	5.0	6.0	6.5	9.0	12.5	11.0	11.5	6.5	6.0	6.5	2.5	7.0	14.5	21.0	21.5	17.0	11.5	22.0
3	16.5	10.0	9.0	15.5	17.0	10.5	9.0	5.0	5.5	5.0	5.5	6.5	12.5	16.0	22.5	20.5	16.0	21.0	18.0	16.5	17.5	21.0	11.5	14.5	13.5	22.5
4	11.0	21.0	21.0	20.0	15.0	19.0	24.0	26.0	25.0	29.5	27.0	24.5	24.0	22.0	20.5	22.0	20.5	24.0	20.0	13.5	10.5	10.0	9.0	13.5	19.5	29.5
5	14.0	8.5	9.5	10.0	10.5	11.0	8.5	7.5	7.0	8.0	7.0	14.5	17.5	19.5	17.0	16.0	16.0	16.0	20.0	11.5	8.5	16.0	12.0	18.5	12.5	20.0
6	19.0	20.5	8.5	8.5	11.5	9.0	4.0	7.0	8.0	10.5	15.5	14.5	14.5	7.5	6.0	14.5	11.5	4.5	6.5	17.0	8.5	8.0	6.5	5.5	10.5	20.5
7	3.5	6.5	6.0	6.0	6.5	5.0	5.0	5.0	8.0	13.5	13.0	12.0	17.5	17.0	13.0	13.5	7.5	7.0	14.5	10.5	5.5	8.0	8.5	12.0	9.5	17.5
8	9.5	6.0	12.5	11.5	8.5	3.5	12.0	8.0	9.5	11.0	14.0	11.5	9.5	8.5	10.0	19.0	10.5	9.0	12.0	8.0	9.5	10.0	16.0	4.5	10.0	19.0
9	10.0	7.5	7.0	7.0	5.5	6.0	3.5	5.0	4.5	8.5	8.0	8.0	6.5	9.5	9.5	15.0	17.0	20.5	22.0	24.0	25.0	23.5	23.5	17.0	12.0	25.0
10	11.5	9.0	11.0	17.0	15.5	12.5	9.0	4.5	8.5	6.5	6.5	6.0	8.5	17.0	18.0	13.0	13.0	9.5	8.5	5.5	14.5	16.0	17.5	10.5	11.0	18.0
11	13.0	17.0	10.0	8.0	6.5	11.5	7.0	4.0	6.0	7.0	17.0	26.0	22.0	14.5	24.0	31.0	41.0	39.0	34.5	38.0	36.5	24.0	17.5	12.5	19.5	41.0
12	5.0	9.0	15.0	14.0	18.0	19.0	10.5	5.0	7.0	14.0	24.5	24.0	21.5	19.5	21.0	17.0	19.0	20.0	19.0	12.0	9.5	16.0	16.5	13.5	15.5	24.5
13	16.5	19.0	20.0	22.5	18.0	15.5	18.0	10.0	5.0	6.5	8.0	10.0	11.0	9.5	12.0	8.5	6.5	7.0	5.5	8.5	15.0	9.5	17.5	17.5	12.5	22.5
14	14.5	19.5	18.5	12.5	12.5	12.0	10.0	9.5	7.5	6.0	7.5	9.5	10.5	15.5	13.5	17.0	22.0	23.0	17.0	19.5	19.5	18.5	19.5	17.5	14.5	23.0
15	20.5	16.0	15.0	18.5	17.0	23.5	25.0	24.0	24.0	23.5	23.0	21.0	22.0	25.0	28.0	25.0	27.5	27.5	25.0	29.5	30.5	27.0	23.0	20.0	23.5	30.5
16	12.0	17.5	15.5	10.5	8.0	16.0	12.5	16.5	14.5	14.0	15.0	12.0	11.0	8.0	9.5	12.0	9.0	6.5	4.5	6.0	10.5	15.0	18.5	18.5	12.0	18.5
17	22.0	18.5	12.0	11.0	10.5	8.5	9.0	6.0	6.0	6.5	8.0	7.5	8.5	13.5	10.5	12.0	9.0	8.5	5.5	7.5	13.0	19.0	19.5	8.0	11.0	22.0
18	9.0	7.0	9.0	14.5	11.0	12.0	7.0	4.5	7.5	8.5	12.5	9.0	13.5	23.5	21.5	21.5	20.0	17.5	13.5	17.5	17.5	6.0	10.0	13.5	13.0	23.5
19	15.0	8.5	14.0	21.5	10.5	9.5	6.0	4.5	10.0	11.5	15.5	14.0	12.5	19.5	18.0	19.0	27.0	17.5	11.5	14.0	21.5	17.5	8.5	10.0	14.0	22.0
20	7.5	8.5	9.0	13.0	15.5	14.0	8.0	9.5	13.5	6.5	10.0	14.0	22.5	24.5	24.5	19.5	16.5	16.0	13.5	9.5	10.0	13.5	16.5	13.5	13.5	24.5
21	15.5	7.0	8.5	11.5	7.5	6.5	4.5	5.0	7.5	6.5	20.0	20.0	25.0	20.5	11.0	5.0	7.0	8.5	8.5	5.5	4.5	13.0	5.5	11.0	10.0	25.0
22	4.5	5.0	5.5	4.5	8.5	10.0	9.5	5.5	4.0	5.5	9.5	12.0	15.5	14.0	21.0	21.5	23.0	23.0	15.0	6.5	3.5	4.0	11.0	18.0	11.0	23.0
23	11.0	10.5	10.0	13.0	10.5	6.0	6.5	5.0	5.0	6.5	7.0	9.5	11.5	12.0	11.0	10.0	12.0	8.5	16.0	15.0	7.5	6.5	11.0	13.0	10.0	16.0
24	11.0	14.5	10.0	13.0	20.5	8.5	4.5	8.5	6.5	8.0	9.5	11.5	9.5	10.5	20.0	20.5	17.5	19.0	7.5	10.5	6.0	8.0	15.0	15.0	12.0	20.5
25	9.5	6.5	12.5	12.0	18.5	16.5	9.5	6.5	5.0	8.0	6.5	14.5	23.5	23.0	24.0	24.5	13.0	9.0	11.0	16.0	17.5	12.5	10.0	13.0	13.5	24.5
26	12.0	15.5	14.5	17.5	17.5	17.0	11.0	6.0	8.5	8.5	10.5	10.0	14.0	13.5	11.5	11.0	9.5	7.5	7.5	9.5	9.0	20.0	15.5	19.5	12.5	20.0
27	18.0	12.5	17.0	17.0	15.0	15.5	9.5	5.0	6.5	10.0	9.5	9.5	16.5	17.0	16.5	17.0	20.0	15.0	11.5	4.0	10.5	17.5	16.5	9.0	13.0	20.0
28	12.0	9.5	10.5	7.5	10.0	10.5	4.0	4.0	8.0	7.5	14.0	16.5	11.5	13.0	21.5	22.5	23.5	23.5	21.5	19.5	18.0	20.0	14.5	8.5	14.0	23.5
29	13.0	12.5	16.5	12.5	13.5	15.0	12.0	6.5	5.5	7.0	12.5	11.5	12.5	15.0	14.5	23.5	23.0	22.0	24.0	17.0	18.5	21.0	10.0	5.0	14.5	24.0
30	7.0	15.0	16.0	10.0	14.0	15.0	15.5	15.5	8.0	7.0	13.0	14.0	16.5	12.0	11.5	7.0	23.0	20.5	21.5	21.0	23.0	17.5	10.0	11.5	14.5	23.0
31	16.5	11.0	10.5	14.5	11.0	8.0	6.5	5.5	8.5	10.5	8.0	11.0	14.0	17.0	16.0	14.5	21.0	22.5	13.5	7.5	11.5	14.5	14.0	14.0	12.5	22.5
AV	12.5	12.5	12.5	13.5	12.5	12.0	9.5	8.0	8.5	9.5	12.0	13.0	15.0	15.5	16.0	16.5	16.5	16.0	14.0	13.5	14.0	15.0	14.0	13.0	13.0	[ ]
SD	4.5	5.0	4.1	4.6	4.0	4.6	5.1	5.4	4.8	5.1	5.5	5.1	5.1	4.9	5.5	6.1	7.4	7.9	7.1	7.0	7.4	5.0	4.8	4.2	3.0	[ ]

OUTPT (VERSION N 28 JUL 76)

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	9.0	11.0	17.5	11.5	9.5	8.5	8.5	7.5	6.5	9.5	11.0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	10.0	17.5
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	24.0	18.0	22.0	24.5	22.0	21.5	22.0	18.5	17.0	19.0	16.5	5.0	19.0	24.5
3	13.5	9.5	7.5	8.0	9.0	9.0	5.0	5.5	8.0	20.0	26.5	31.0	32.0	27.5	24.5	29.0	25.0	24.5	23.5	20.0	18.0	22.5	10.0	5.5	17.5	32.0
4	13.0	11.0	6.5	13.5	11.5	8.0	5.5	6.0	7.0	9.0	18.5	25.0	23.5	24.5	23.0	24.5	23.0	22.5	19.5	16.5	18.5	20.0	18.0	8.0	15.5	25.0
5	12.0	18.0	20.5	12.0	14.5	13.0	5.5	4.0	7.0	12.5	12.5	17.0	21.0	20.0	22.0	22.5	22.5	19.5	21.0	17.0	17.0	11.0	18.0	15.0	15.5	22.5
6	21.5	16.5	15.5	11.5	12.5	11.0	4.5	5.5	5.5	17.5	25.5	25.0	24.5	24.0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	16.0	25.5
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	20.0	21.5	23.5	23.5	23.5	18.0	17.0	18.0	15.5	15.0	19.5	23.5
8	11.5	6.0	9.0	9.0	9.0	8.5	7.0	5.0	20.5	23.5	24.0	25.0	25.5	27.0	23.0	10.5	22.5	23.0	21.5	22.0	15.0	21.0	6.5	8.5	16.0	27.0
9	13.5	16.0	13.0	15.0	11.5	10.0	9.5	8.5	9.0	11.5	15.5	26.0	26.0	24.5	24.5	24.0	24.0	25.5	24.5	22.0	17.0	18.5	18.5	14.5	17.5	26.0
10	15.5	14.0	15.5	14.5	6.0	12.0	18.5	20.5	25.0	25.0	24.5	29.5	29.5	35.0	38.0	39.5	37.5	37.5	32.0	24.5	23.5	21.5	21.0	10.0	24.0	39.5
11	7.5	16.5	15.0	18.0	19.0	14.0	13.0	20.5	23.0	25.0	25.5	24.5	23.5	23.5	22.0	25.0	24.0	28.0	25.0	25.0	17.0	16.0	21.0	19.0	20.5	28.0
12	13.0	12.5	12.0	11.0	13.0	18.0	18.0	8.0	12.0	20.0	20.5	21.5	20.0	23.0	24.5	22.5	20.5	19.0	22.5	15.0	17.0	11.5	8.0	5.0	16.0	24.5
13	13.0	19.0	15.5	8.0	8.0	15.0	16.0	10.5	11.0	11.5	17.0	21.0	20.0	19.5	18.0	23.0	24.5	30.5	20.5	20.5	19.5	20.5	18.0	22.5	17.5	30.5
14	18.0	17.0	15.5	17.5	22.5	20.0	17.5	16.0	17.0	19.0	18.0	17.5	14.0	15.5	13.0	11.5	10.0	12.5	20.0	22.5	17.0	8.5	5.0	11.0	15.5	22.5
15	17.0	17.5	17.5	17.0	15.5	11.0	12.0	6.0	7.5	7.5	9.0	10.5	11.5	11.0	10.0	13.5	13.0	10.5	5.0	18.0	22.0	20.5	9.0	7.0	12.5	22.0
16	8.0	7.5	8.5	6.5	8.5	7.5	6.5	5.0	8.0	15.5	16.5	10.5	13.5	24.0	21.5	23.5	24.0	25.5	16.0	24.0	26.0	18.5	25.0	24.0	15.5	26.0
17	22.5	9.5	7.0	9.0	10.0	10.0	6.0	9.5	8.0	5.0	[CA]	6.5	15.0	18.5	14.0	16.5	19.0	15.5	18.0	17.0	12.0	9.5	15.0	9.5	12.5	22.5
18	11.0	10.0	14.5	13.0	14.5	14.5	6.0	5.5	9.0	9.0	17.0	18.5	20.0	18.0	19.0	14.0	9.0	17.0	21.5	24.0	24.5	24.0	13.5	5.0	14.5	24.5
19	7.0	13.0	15.5	16.5	13.0	10.0	4.5	6.5	7.0	8.0	9.5	9.5	12.0	14.0	12.5	12.5	10.0	10.0	5.0	12.5	7.5	11.5	8.0	8.5	10.0	16.5
20	7.5	9.5	10.0	12.0	9.5	10.5	5.5	5.0	6.5	8.5	9.5	16.0	20.5	28.5	27.5	28.0	24.5	23.5	24.5	24.0	23.5	24.5	21.5	17.0	16.5	28.5
21	17.0	10.5	11.5	13.5	13.0	13.0	6.0	6.5	9.0	13.0	17.5	24.5	24.0	24.5	24.5	25.0	23.5	23.5	23.5	22.0	20.0	20.0	22.5	23.0	18.0	25.0
22	19.5	21.0	24.5	28.0	38.0	22.0	21.5	21.5	24.5	23.0	20.0	9.5	14.0	19.5	19.5	23.5	24.0	24.0	10.5	15.5	12.5	11.0	16.5	9.5	19.5	38.0
23	8.5	14.5	5.5	6.0	8.0	13.5	13.5	14.0	19.5	19.0	20.0	16.5	21.5	22.0	20.5	24.5	30.0	37.0	42.5	39.0	23.5	11.5	6.5	7.0	18.5	42.5
24	12.5	14.0	17.5	18.0	14.0	17.5	16.0	8.0	10.0	12.5	19.0	16.5	15.5	19.5	19.0	14.5	12.0	23.0	25.0	25.5	23.5	20.0	17.0	12.0	17.0	25.5
25	20.0	14.0	17.0	9.5	17.0	14.0	10.0	6.0	7.5	8.0	17.5	24.5	26.5	24.5	27.5	24.0	22.0	20.0	24.5	22.0	23.0	19.0	14.5	5.5	17.5	27.5
26	7.5	5.5	14.0	11.0	4.5	8.5	8.0	8.5	13.5	10.5	18.0	16.5	14.5	12.5	15.5	13.5	18.5	15.0	14.5	12.0	10.5	11.0	15.0	20.0	12.5	20.0
27	19.5	15.0	11.0	17.0	16.0	12.0	8.0	5.0	5.5	6.5	8.0	8.5	16.5	24.5	18.5	15.5	20.5	20.0	17.0	20.5	17.0	11.5	15.0	20.0	14.5	24.5
28	23.5	17.0	8.5	13.0	14.5	11.0	6.5	5.0	9.5	6.5	10.0	12.0	14.0	10.5	12.0	11.5	12.5	10.5	14.0	11.0	6.5	14.0	16.0	11.5	11.5	23.5
29	12.5	12.0	12.5	13.0	15.0	15.5	12.0	6.0	6.5	8.0	9.0	5.0	7.5	8.0	17.0	13.0	7.0	6.0	14.5	15.0	16.0	17.5	12.5	13.0	11.5	17.5
30	10.0	9.0	9.0	4.5	3.5	4.0	3.5	4.0	9.5	14.0	14.5	15.5	16.5	17.5	15.5	16.5	20.5	8.0	8.5	11.5	10.0	5.5	3.5	5.5	10.0	20.5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	13.5	13.0	13.0	13.0	13.0	12.0	10.0	8.5	11.0	13.5	17.0	18.0	19.5	20.5	20.5	20.5	20.5	20.5	20.0	20.0	17.5	16.5	14.5	12.0	15.5	[ ]
SD	4.9	3.9	4.5	4.7	6.4	3.9	5.0	5.0	5.9	6.0	5.5	7.1	5.9	6.0	5.7	6.7	6.7	7.7	7.6	5.6	5.1	5.1	5.5	5.9	3.3	[ ]

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	4.0	10.5	8.5	4.0	3.5	6.0	5.0	6.5	7.5	10.5	8.5	9.0	7.5	9.5	13.5	9.5	9.5	11.5	11.5	9.0	9.5	10.0	7.5	3.5	8.0	13.5
2	5.5	4.5	23.5	22.0	7.5	6.5	8.0	3.5	4.5	5.0	6.0	6.5	8.5	8.5	13.0	10.5	17.5	15.0	10.0	6.5	5.5	11.0	5.5	4.5	9.5	23.5
3	9.5	6.5	8.0	9.5	8.0	5.0	4.5	3.5	4.0	3.5	5.5	6.0	6.0	8.0	8.5	8.5	7.5	5.0	5.5	5.5	4.0	8.0	10.0	13.5	7.0	13.5
4	12.0	11.0	10.5	10.5	5.5	8.0	5.5	3.5	4.0	4.0	6.0	5.5	7.0	14.0	9.5	12.0	15.5	12.0	11.0	5.5	7.0	10.5	9.5	8.0	8.5	15.5
5	9.0	7.5	9.5	9.0	6.5	7.0	3.5	3.0	4.5	5.5	8.5	9.5	6.5	8.0	9.0	9.5	8.0	8.0	5.5	6.0	6.5	11.0	12.0	11.5	7.5	12.0
6	5.0	7.0	10.0	8.5	6.0	8.0	5.5	2.5	4.0	6.0	4.0	4.0	7.0	6.0	7.5	8.0	5.5	12.0	14.0	9.0	8.0	8.0	6.0	9.0	7.0	14.0
7	6.5	5.0	8.5	4.5	4.5	4.0	3.5	3.0	4.0	5.0	10.5	12.0	13.0	16.0	22.5	16.0	10.5	17.0	19.5	11.5	13.5	10.0	20.0	20.0	11.0	22.5
8	15.0	5.5	3.5	3.5	5.0	6.0	3.5	3.0	3.5	6.0	6.5	9.5	9.0	9.5	8.0	8.0	10.5	8.0	4.5	11.0	11.0	12.5	11.0	7.0	7.5	15.0
9	4.0	6.0	9.5	9.0	5.5	3.5	3.0	4.0	5.0	6.5	7.0	7.5	8.0	10.5	14.5	9.0	6.5	6.0	5.5	5.0	9.5	10.0	10.0	15.0	7.5	15.0
10	13.5	14.5	6.0	5.0	4.5	8.0	6.5	4.5	3.5	5.5	6.5	6.5	7.0	8.5	10.0	18.5	14.0	9.0	8.0	5.0	17.5	15.5	8.0	6.5	9.0	18.5
11	3.0	4.0	7.0	8.5	12.5	11.5	3.5	3.5	3.5	4.0	6.0	6.0	7.5	7.0	7.0	12.5	10.5	8.5	20.0	8.0	6.0	9.0	6.5	8.5	7.5	20.0
12	9.0	10.5	8.0	7.0	5.0	6.0	3.0	7.5	7.5	7.5	4.5	6.0	14.5	15.0	10.0	10.0	11.5	13.0	10.5	5.0	7.0	5.0	6.0	5.0	8.0	15.0
13	5.5	7.0	4.5	5.0	5.0	6.5	5.0	4.0	4.0	4.5	5.5	6.0	7.0	11.5	10.5	12.0	7.5	7.0	5.0	4.5	4.5	7.5	5.0	5.0	6.0	12.0
14	8.5	8.5	9.5	10.0	9.5	9.5	6.0	3.5	4.0	5.0	8.5	9.5	7.0	10.0	19.0	16.5	10.5	11.5	9.5	5.5	4.0	6.0	7.5	7.0	8.5	19.0
15	10.5	8.5	9.0	9.0	9.0	6.5	5.5	4.0	3.5	5.5	5.5	7.0	8.0	7.5	7.5	5.5	6.5	5.5	5.0	3.0	4.0	6.5	9.0	11.0	7.0	11.0
16	12.0	8.5	5.5	7.0	7.5	7.0	6.0	4.0	3.5	3.5	5.5	7.0	6.5	8.5	10.5	8.5	9.0	8.5	6.5	8.5	3.5	10.5	7.5	9.5	7.5	12.0
17	7.0	7.5	3.0	6.0	4.5	5.5	5.5	3.5	8.0	9.5	9.5	8.5	6.5	7.0	7.5	9.0	14.5	14.0	21.0	12.5	9.0	10.5	7.5	5.0	8.5	21.0
18	4.5	7.5	10.0	6.0	4.0	2.5	4.5	5.0	3.5	4.0	6.0	9.5	6.0	11.5	16.0	16.0	14.0	12.5	6.5	9.5	14.0	4.5	3.0	4.5	7.5	16.0
19	5.0	5.5	5.5	4.0	2.5	4.0	2.5	3.0	3.0	4.0	5.5	5.5	6.0	7.5	13.0	17.5	11.0	8.0	14.5	17.5	18.0	13.5	8.5	13.5	8.5	18.0
20	13.0	8.0	5.0	4.5	4.5	8.0	6.0	4.5	4.0	3.5	4.0	4.0	5.5	6.0	6.0	18.5	20.5	7.0	7.0	7.5	9.5	6.0	7.0	9.5	7.5	20.5
21	7.0	10.0	9.5	9.5	5.5	6.5	5.0	4.0	3.0	4.5	5.0	6.0	8.0	6.5	7.0	9.5	15.0	9.0	8.0	6.5	6.5	4.5	5.5	8.5	7.0	15.0
22	8.5	7.5	8.0	8.0	9.0	8.5	5.0	4.5	3.5	4.0	5.5	4.5	7.0	7.5	7.5	7.0	12.0	7.0	9.0	8.0	3.0	5.0	8.0	9.0	7.0	12.0
23	6.0	7.5	9.0	8.5	5.5	5.0	4.5	3.5	3.5	5.0	(PF)	(PF)	7.5	7.0	9.5	9.0	9.0	8.0	7.5	9.0	8.0	11.0	11.5	8.5	7.5	11.5
24	6.5	4.5	6.0	4.5	5.5	4.5	5.5	4.0	5.5	5.0	5.5	6.5	8.0	8.0	9.5	6.5	12.5	13.5	10.0	9.0	9.5	9.0	9.0	12.0	7.5	13.5
25	5.0	5.0	5.5	3.5	2.5	4.5	3.5	8.0	9.5	6.0	6.5	7.0	10.5	18.5	18.0	14.0	15.0	10.0	8.5	5.5	6.0	5.0	4.0	5.0	8.0	18.5
26	4.5	3.0	5.0	8.0	6.0	5.0	3.5	2.0	2.5	3.0	4.0	5.0	7.0	7.0	11.5	17.0	10.0	6.0	6.0	6.5	9.5	10.5	6.5	8.5	6.5	17.0
27	13.5	9.5	6.0	4.0	4.0	3.5	5.5	3.0	5.0	5.0	4.5	6.0	11.0	11.0	8.0	9.5	12.0	13.0	12.0	7.0	2.5	7.5	12.0	7.5	7.5	13.5
28	11.0	10.5	9.5	10.5	7.5	8.5	4.5	4.0	3.0	4.5	5.0	7.0	10.0	14.0	19.5	14.0	9.5	7.0	5.5	6.0	4.0	8.0	9.5	7.0	8.5	19.5
29	9.0	5.5	8.5	9.0	6.5	6.0	7.0	5.5	3.5	4.0	7.0	6.0	7.5	15.5	7.5	15.5	13.5	9.5	8.5	5.5	3.5	5.5	7.5	11.0	8.0	15.5
30	7.5	7.0	3.5	5.5	3.0	4.5	4.5	6.0	6.0	5.0	7.5	7.0	7.5	6.5	8.0	9.5	10.0	10.5	18.0	12.5	6.5	15.0	20.0	15.0	8.5	20.0
31	5.0	6.5	9.5	9.5	6.0	3.5	3.0	2.5	4.5	8.5	9.5	9.5	8.5	9.0	7.0	7.0	7.0	15.5	11.0	15.5	17.0	7.0	5.5	4.5	8.0	17.0
AV	8.0	7.5	8.0	7.5	6.0	6.0	5.0	4.0	4.5	5.5	6.5	7.0	8.0	9.5	11.0	12.0	11.0	10.0	10.0	8.0	8.0	9.0	8.5	9.0	8.0	( )
SD	3.3	2.4	3.6	3.5	2.2	2.0	1.3	1.4	1.6	1.7	1.7	1.9	2.0	3.3	4.2	4.1	3.4	3.1	4.6	3.2	4.2	3.0	3.7	3.7	.9	( )

OUTPT (VERSION N 28 JUL 76)

WIND SPEED @ 20M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 24/SEP/76 *
****

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
2	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
3	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
4	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
5	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
6	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
7	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
8	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
9	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	5.0	9.5	11.0	13.5	16.0	17.5	19.5	17.0	17.0	10.5	13.5	19.5
10	7.5	7.0	7.0	10.0	9.0	8.0	5.5	2.5	5.0	3.5	3.5	4.5	5.0	12.5	12.0	8.0	8.0	6.0	5.0	4.0	9.0	10.0	11.5	7.0	7.0	12.5
11	8.0	10.5	6.0	6.0	5.0	7.5	4.5	1.5	3.0	4.0	10.5	20.0	19.0	9.0	20.5	23.5	31.0	28.5	24.5	24.0	26.5	18.5	12.5	8.5	14.0	31.0
12	1.5	5.5	9.0	8.0	9.5	11.0	5.0	3.0	4.0	9.0	19.0	(MI)	15.5	13.0	15.0	11.0	12.5	13.0	13.0	8.0	6.0	10.5	10.0	8.5	9.5	19.0
13	10.5	11.5	13.0	13.5	12.5	11.5	11.5	5.5	3.0	3.5	3.5	6.0	4.5	5.0	7.0	4.5	3.0	3.5	2.0	5.0	10.0	5.5	10.5	10.0	7.5	13.5
14	8.5	12.5	12.5	7.5	6.0	8.0	6.0	4.5	3.0	2.0	3.0	5.0	6.0	9.0	8.0	11.0	15.0	15.5	11.0	12.5	15.0	12.0	12.0	11.5	9.0	15.5
15	13.5	10.0	9.5	12.0	10.5	17.0	20.5	19.0	17.0	17.0	15.0	13.5	15.5	20.5	22.0	20.0	22.0	22.0	21.0	23.0	23.5	22.5	17.5	13.5	17.5	23.5
16	4.5	10.5	8.5	6.0	3.5	8.5	6.5	9.0	8.0	8.0	6.5	7.0	6.0	4.0	5.0	6.5	4.5	3.5	2.0	3.5	6.0	9.0	11.0	11.5	7.0	11.5
17	13.0	12.0	10.0	9.5	6.0	7.0	5.5	2.5	3.0	3.0	4.5	4.0	5.0	8.0	6.0	7.0	5.0	5.0	2.5	4.5	8.5	11.5	12.0	5.0	6.5	13.0
18	5.0	4.0	6.5	8.5	6.5	8.0	4.0	1.5	3.5	5.0	7.0	5.5	7.5	17.5	15.5	16.0	13.0	12.5	8.5	11.5	12.0	4.0	5.5	8.0	8.0	17.5
19	9.0	6.0	8.5	15.0	7.0	5.5	3.5	2.0	5.5	6.5	9.5	9.0	7.5	15.0	9.5	13.5	17.0	11.0	7.5	9.0	16.5	12.0	5.5	6.0	9.0	17.0
20	4.0	5.0	5.5	8.0	9.5	8.5	4.5	5.5	7.5	3.0	6.0	8.5	15.0	18.0	17.5	13.0	10.0	9.5	8.5	6.0	6.0	8.5	10.0	8.0	8.5	18.0
21	9.5	4.0	6.0	7.0	5.0	3.5	2.5	2.0	4.0	3.5	13.5	13.0	19.0	14.0	6.0	2.0	4.0	4.5	5.0	3.0	2.5	8.0	5.0	6.5	6.5	19.0
22	3.0	3.0	4.5	2.5	5.0	5.5	5.5	2.5	2.0	3.0	5.0	7.0	11.5	9.0	13.5	13.5	17.0	17.0	9.5	4.0	2.5	2.5	7.5	11.0	7.0	17.0
23	7.0	6.5	7.0	8.0	7.0	4.0	4.0	3.0	2.5	3.5	3.5	5.5	7.0	7.0	6.0	5.5	7.5	5.0	9.5	9.0	4.5	4.5	6.5	8.0	6.0	9.5
24	6.5	8.5	6.0	7.5	11.5	4.5	2.5	4.5	3.5	5.0	6.0	6.5	5.5	6.5	13.0	13.5	11.5	12.0	4.5	6.0	4.0	6.0	9.5	9.5	7.5	13.5
25	5.5	3.0	8.0	7.5	10.0	9.5	5.0	3.5	3.0	4.5	5.0	8.0	17.0	15.0	16.5	19.5	7.5	5.5	6.5	10.0	11.0	8.5	6.5	8.0	8.5	19.5
26	8.0	10.0	9.0	10.5	11.0	10.0	6.5	3.5	5.0	5.0	6.0	5.5	8.0	8.0	7.0	6.0	5.0	4.0	4.0	6.0	5.5	11.5	10.5	12.0	7.5	12.0
27	11.0	7.5	10.0	10.0	9.5	9.5	6.0	2.5	4.0	5.5	5.5	5.5	9.5	10.5	9.5	9.5	12.5	9.0	7.0	2.5	7.5	10.5	10.5	6.0	8.0	12.5
28	8.0	5.5	6.0	4.5	6.0	7.0	2.5	2.5	4.0	4.0	8.5	11.5	7.0	9.0	16.0	16.0	18.5	17.0	15.5	13.5	11.5	12.5	8.0	4.5	9.0	18.5
29	8.5	7.5	10.0	7.5	8.0	9.5	6.5	3.5	3.0	4.0	7.0	6.5	7.0	9.0	8.5	20.0	16.5	14.5	17.0	10.5	12.0	13.5	5.5	3.5	9.0	20.0
30	3.5	9.0	9.0	5.5	8.0	9.0	8.5	8.5	4.5	4.0	7.5	8.0	9.5	8.0	6.5	4.0	16.5	13.5	14.0	13.5	15.0	11.5	6.0	7.0	9.0	16.5
31	10.0	7.0	6.5	8.5	7.0	5.0	4.0	3.5	5.0	6.0	4.5	6.5	8.0	10.5	9.5	8.5	14.0	14.5	2.0	4.0	7.5	9.5	11.0	10.0	8.0	14.5
AV	7.5	7.5	8.0	8.5	8.0	8.0	6.0	4.5	4.5	5.0	7.5	8.0	10.0	11.0	11.0	11.5	12.5	11.5	9.5	9.0	10.5	10.5	9.5	8.5	9.0	( )
SD	3.0	2.8	2.3	2.8	2.4	2.9	3.8	3.7	3.1	3.1	4.0	3.8	4.6	4.2	5.0	5.7	6.5	6.3	5.9	5.9	6.2	4.5	3.5	2.5	2.7	( )

OUTPT (VERSION N 28 JUL 76)

WIND SPEED @ 20M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 28/SEP/76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	6.0	6.0	11.5	8.0	6.0	5.0	6.0	4.0	4.0	5.5	7.0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	6.5	11.5
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	17.0	12.5	15.5	17.5	15.0	14.0	14.5	12.0	11.0	11.5	10.5	4.5	13.0	17.5
3	9.0	6.0	4.0	5.5	6.0	4.5	3.5	3.0	4.5	15.5	20.5	22.5	24.0	21.5	20.0	21.5	20.0	17.5	14.0	13.5	11.5	14.0	6.0	3.0	12.0	23.0
4	9.0	8.0	4.0	9.0	7.5	4.5	3.0	3.5	4.0	5.0	13.0	19.5	17.5	16.5	17.0	18.0	16.5	15.5	12.5	10.0	12.5	12.0	11.5	7.0	11.0	19.5
5	7.5	11.0	13.5	7.5	9.5	8.0	4.0	2.5	4.5	7.0	7.0	11.0	15.0	13.5	15.5	16.5	16.0	13.5	13.5	10.5	10.5	7.5	12.5	10.0	10.5	16.5
6	11.5	10.5	9.5	6.0	6.5	7.0	3.0	3.0	3.0	13.0	19.5	20.0	16.5	18.0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	10.5	20.0
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	12.0	14.5	16.5	14.5	14.5	[IM]	[IM]	[IM]	[IM]	[IM]	14.5	16.5
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	9.0	10.5	15.5	16.5	15.5	16.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	14.0	16.5
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	11.5	17.5	21.5	21.5	23.5	25.0	27.0	25.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	21.5	27.0
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
12	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	7.0	12.5	13.5	14.5	13.5	17.0	18.0	15.5	13.5	12.0	16.0	9.5	11.0	7.0	5.0	3.0	12.0	18.0
13	8.0	11.5	9.0	5.0	5.5	9.0	9.5	6.0	6.5	7.0	10.5	14.0	13.5	12.5	11.5	17.0	18.5	23.0	14.5	12.5	11.5	12.0	10.0	15.5	11.5	23.0
14	11.0	10.0	8.5	9.0	12.0	11.0	9.0	8.5	9.5	12.0	11.0	10.5	8.0	9.0	7.5	6.5	5.5	7.5	14.0	16.0	11.0	6.0	3.0	7.0	9.5	16.0
15	9.5	10.0	9.5	9.0	8.5	8.5	7.0	3.5	4.5	4.0	5.0	5.5	6.5	6.5	6.0	8.0	7.5	6.0	3.0	12.5	13.5	13.0	5.5	4.5	7.5	13.5
16	5.0	5.0	5.0	4.0	5.5	5.5	4.0	3.5	5.5	9.5	10.0	6.5	8.5	17.0	14.5	19.0	20.5	20.0	10.5	16.5	20.5	11.0	20.0	14.5	11.0	20.5
17	12.5	6.0	4.5	3.5	6.0	6.5	3.0	4.0	3.0	1.0	4.0	6.5	8.5	12.5	9.0	4.5	[IM]	8.5	12.5	16.0	17.0	15.5	7.0	3.0	7.5	17.0
18	7.0	8.0	9.0	7.5	9.0	8.5	2.5	2.0	4.5	5.0	9.5	11.5	12.0	8.5	9.0	4.5	[IM]	[IM]	[IM]	5.5	2.5	5.0	[IM]	1.5	6.5	12.0
19	4.5	6.5	8.0	8.0	7.5	6.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	5.5	6.0	4.5	[IM]	[IM]	[IM]	5.5	2.5	5.0	[IM]	1.5	5.5	8.0
20	[IM]	[IM]	3.0	6.0	6.0	6.0	[IM]	[IM]	[IM]	[IM]	4.0	7.5	13.0	21.0	20.5	21.0	20.0	17.5	18.0	17.5	16.5	18.0	14.0	11.0	13.5	21.0
21	11.0	6.5	6.5	8.5	8.0	8.0	3.0	3.5	5.0	7.5	11.5	18.5	18.0	19.0	19.5	20.0	17.0	17.0	17.0	15.5	13.0	12.0	15.5	16.5	12.5	20.0
22	12.0	13.5	16.0	21.0	24.5	16.0	14.5	16.0	18.5	16.0	13.0	5.0	7.5	12.0	13.5	16.5	17.0	20.0	5.5	8.5	7.5	6.5	9.5	5.5	13.0	24.5
23	4.5	8.5	3.5	5.5	5.0	7.5	7.0	8.0	11.5	11.5	12.0	9.5	13.5	15.0	12.0	19.0	22.0	25.5	32.0	29.0	19.5	7.0	3.5	5.5	12.0	32.0
24	7.5	8.5	10.5	9.5	8.5	10.5	8.5	4.0	5.5	7.5	11.5	9.5	9.0	13.0	12.5	8.0	7.0	17.0	19.5	20.0	17.0	13.5	10.5	7.0	10.5	20.0
25	12.0	8.0	10.0	6.5	9.5	10.0	6.0	3.5	4.5	5.0	11.0	18.0	20.5	18.5	20.5	17.0	13.5	12.5	17.0	15.0	15.5	12.5	8.0	5.0	11.5	20.5
26	5.0	3.5	8.5	7.0	3.0	4.5	5.0	4.5	8.0	6.0	11.0	10.0	8.0	7.5	9.0	8.0	11.0	9.0	8.5	8.0	6.0	7.5	9.0	12.5	7.5	12.5
27	12.0	10.0	7.0	10.5	10.0	8.5	5.0	2.5	3.0	4.0	4.5	4.5	9.5	17.0	11.5	9.0	13.5	12.0	9.5	12.5	10.5	7.0	9.0	12.0	9.0	17.0
28	13.5	11.5	5.0	7.5	8.0	6.5	4.0	3.0	5.5	3.0	5.5	6.5	7.5	5.5	6.5	6.0	7.0	6.0	8.0	7.0	3.5	9.0	9.5	8.0	7.0	13.5
29	7.0	7.0	7.5	7.5	8.0	9.0	7.0	3.0	4.0	4.5	6.0	5.0	8.0	8.5	18.0	14.0	7.5	6.5	14.5	17.0	17.0	18.5	13.5	14.5	9.5	18.5
30	11.0	10.5	10.5	5.0	3.5	4.5	3.5	3.5	10.0	15.0	16.0	16.5	17.0	19.0	16.5	17.5	21.5	8.5	9.0	12.5	11.5	6.0	4.0	6.5	11.0	21.5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	9.0	8.5	8.0	7.5	8.0	7.5	5.5	4.5	6.5	8.5	11.0	12.0	13.0	14.0	14.0	14.0	15.0	14.0	13.5	13.0	12.0	10.5	9.5	7.5	10.5	[ ]
SD	2.8	2.4	3.5	3.4	4.1	2.6	2.9	3.0	3.5	4.2	4.6	5.7	5.1	5.1	5.1	6.2	5.5	5.4	5.7	5.2	4.9	3.9	4.2	4.7	3.2	[ ]

WIND SPEED @ 20M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 24/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5.0	12.0	9.0	4.5	4.0	7.0	7.0	6.5	7.5	11.0	9.0	9.5	7.5	8.5	13.0	10.0	10.0	13.0	11.5	10.5	11.0	11.0	7.5	3.5	8.5	13.0
2	3.0	7.5	23.5	23.0	5.5	7.0	9.0	3.0	4.5	5.5	6.0	7.0	8.5	9.0	14.0	20.0	19.0	16.0	11.0	7.5	8.0	13.0	7.0	4.5	10.0	23.5
3	10.5	7.5	8.5	10.0	9.0	5.0	4.0	3.5	4.0	3.5	5.5	6.0	6.0	8.5	8.5	9.0	7.5	5.0	6.0	6.5	4.0	9.5	11.0	14.5	7.0	14.5
4	14.0	12.5	11.5	12.5	7.5	9.5	7.0	3.5	4.0	4.0	6.0	6.0	7.0	15.0	10.5	13.0	16.5	13.0	12.0	6.0	8.0	11.5	10.5	9.5	9.5	16.5
5	10.5	9.5	11.5	12.0	9.5	6.5	3.5	2.5	4.5	6.0	9.0	10.0	6.0	8.5	9.5	10.0	8.5	8.5	6.0	7.0	7.0	12.0	13.0	13.0	8.5	13.0
6	5.5	9.0	11.5	9.0	7.5	9.5	6.5	2.0	4.0	6.0	4.0	4.0	7.0	6.5	8.0	8.0	5.5	13.0	16.0	10.5	9.0	9.0	7.0	10.5	8.0	16.0
7	7.0	6.0	9.5	4.5	5.0	5.5	4.0	2.5	4.0	5.0	11.0	13.0	13.5	17.0	23.0	16.5	11.0	17.5	21.0	12.5	15.0	11.0	21.0	20.5	11.5	23.0
8	16.5	6.0	3.5	4.0	7.0	7.0	4.5	2.5	3.5	6.0	6.5	10.0	9.5	10.0	8.5	4.0	11.5	9.0	4.5	12.0	12.0	14.0	12.5	7.5	8.0	16.5
9	4.5	7.0	10.5	10.5	7.5	5.0	3.0	3.5	5.0	7.0	7.5	7.5	8.5	11.0	15.0	10.0	6.5	6.0	5.5	5.5	10.5	11.0	10.5	16.0	8.0	16.0
10	14.5	16.0	6.5	5.5	5.0	8.5	7.5	4.5	3.5	5.5	7.0	6.5	7.0	9.0	10.5	20.0	15.5	9.5	8.5	5.5	19.0	17.0	9.5	7.5	9.5	20.0
11	3.0	4.5	7.5	9.5	13.5	13.5	4.0	3.0	3.0	4.0	6.5	6.5	7.5	7.0	7.5	13.5	11.5	9.5	21.5	9.0	6.5	10.0	8.0	9.5	8.5	21.5
12	9.5	12.0	9.0	8.5	5.0	7.0	4.0	8.0	8.0	8.0	5.0	6.5	15.0	16.5	10.0	10.0	12.5	14.0	11.5	6.0	8.0	5.5	6.5	5.0	9.0	16.5
13	5.5	8.0	4.5	5.0	5.5	7.5	4.5	3.0	3.0	3.5	4.5	5.5	7.0	12.5	11.0	12.5	8.0	7.0	5.0	4.5	4.5	8.0	5.5	5.0	6.5	12.5
14	8.5	8.5	9.5	11.5	10.0	10.0	6.0	4.0	4.0	4.5	10.5	10.0	7.5	11.0	20.0	17.0	11.0	12.5	10.5	6.5	3.5	7.0	8.0	8.0	9.0	20.0
15	12.0	9.5	10.5	10.5	10.5	9.5	6.0	4.0	3.5	6.0	6.0	7.0	8.0	8.0	7.5	6.0	7.0	5.5	5.5	3.0	4.0	7.0	10.0	12.5	7.5	12.5
16	13.5	9.5	7.0	8.5	9.0	9.5	7.5	4.5	3.5	3.5	5.5	7.0	6.5	9.0	11.0	9.0	10.0	9.0	7.0	10.0	4.5	11.5	9.0	11.0	8.0	13.5
17	6.0	9.0	3.5	7.0	5.0	5.0	6.0	3.5	8.5	10.0	9.0	9.0	7.0	7.0	8.0	10.5	12.0	7.5	10.5	9.5	7.0	6.0	9.0	5.5	7.5	12.0
18	5.0	8.0	10.5	6.5	5.0	3.5	4.5	5.0	3.0	4.0	6.5	10.5	6.5	12.5	17.5	17.0	15.5	8.5	12.5	16.0	17.0	15.5	7.0	3.0	9.0	17.5
19	5.5	6.5	7.0	5.0	3.0	4.0	2.5	3.0	3.0	4.0	6.0	6.0	6.5	8.0	13.5	19.0	12.0	8.5	15.5	19.0	19.0	15.0	9.5	14.5	9.0	19.0
20	14.0	8.5	6.5	5.5	4.5	9.5	6.0	5.0	4.0	3.5	3.5	4.0	5.5	8.0	6.5	16.5	22.0	7.5	6.5	8.5	10.5	6.5	8.5	11.0	8.0	22.0
21	9.5	11.5	11.5	11.0	6.5	9.0	6.0	4.5	3.0	4.5	5.5	6.0	8.5	6.5	7.5	10.5	16.5	9.5	9.0	7.5	8.0	5.0	6.0	10.0	8.0	16.5
22	9.5	8.0	9.5	10.0	11.0	10.0	6.0	4.5	3.5	4.0	5.0	4.5	7.5	7.5	7.5	7.0	12.5	7.5	10.0	9.5	3.5	5.5	9.0	10.5	7.5	12.5
23	6.5	9.5	11.5	12.0	7.5	7.0	6.0	3.5	3.5	5.0	[PF]	[PF]	7.5	7.5	10.0	10.0	9.5	9.0	8.0	10.5	10.0	13.0	12.5	9.0	8.5	13.0
24	7.0	4.5	7.5	5.5	6.0	6.0	7.0	4.0	5.5	5.0	5.5	6.5	9.0	8.5	10.0	7.0	13.0	14.0	10.5	10.0	10.5	9.5	10.0	13.0	8.0	14.0
25	6.0	6.0	7.0	4.0	3.0	6.0	5.0	8.5	10.0	6.5	6.5	8.0	11.5	19.5	19.0	15.5	16.5	11.5	9.5	6.0	7.0	5.5	4.5	5.5	8.5	19.5
26	4.5	2.0	5.0	9.5	7.5	6.0	3.5	2.5	3.0	3.5	4.0	6.0	7.0	7.5	12.5	17.0	11.0	6.0	6.0	7.0	10.5	11.0	7.5	9.5	7.0	17.0
27	15.0	10.5	6.5	5.0	5.5	3.5	6.5	3.0	5.5	5.0	4.0	6.5	11.5	12.0	8.5	10.0	13.0	14.5	13.5	8.5	2.5	8.5	13.0	9.5	8.5	15.0
28	12.0	11.5	10.5	11.5	8.5	9.5	5.0	4.5	2.5	4.5	5.5	7.0	10.5	14.5	21.0	19.5	10.5	7.5	6.0	7.0	4.0	8.5	11.0	9.0	9.0	21.0
29	11.0	6.5	9.0	11.5	9.0	7.0	8.0	5.5	4.0	4.0	7.0	6.5	8.0	16.5	7.5	17.0	15.0	10.5	9.0	6.5	4.0	6.0	8.5	12.5	9.0	17.0
30	8.5	8.0	4.0	6.0	3.0	4.5	4.5	6.0	6.0	5.0	7.5	7.0	7.5	7.0	8.0	10.0	10.5	11.5	19.5	14.5	6.5	16.5	22.0	17.0	9.0	22.0
31	5.5	7.5	10.5	10.5	6.5	4.0	3.0	2.0	5.0	8.5	10.5	10.0	9.0	9.5	8.0	7.5	7.5	16.5	12.0	17.0	18.5	7.0	6.0	5.0	8.5	18.5
AV	8.5	8.5	9.0	8.5	7.0	7.0	5.5	4.0	4.5	5.5	6.5	7.5	8.0	10.0	11.5	12.5	12.0	10.5	10.5	9.0	9.0	10.0	9.5	10.0	8.5	[ ]
SD	3.7	2.7	3.6	3.8	2.5	2.3	1.6	1.6	1.8	1.9	2.0	2.0	2.1	3.6	4.4	4.4	3.7	3.3	4.5	3.7	4.7	3.4	3.8	4.1	1.0	[ ]

OUTPT IVERSION N 28 JUL 76]

ND SPEED @ 30M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 24/SEP/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	11.5	13.5	7.0	10.0	8.0	10.0	7.0	2.5	5.5	5.0	4.0	7.5	7.0	9.0	8.5	6.5	7.5	9.0	5.0	6.5	9.0	5.5	6.0	10.0	7.5	13.5
2	9.0	11.0	12.5	13.0	12.0	7.0	4.5	3.5	3.5	3.5	3.5	6.0	8.0	7.0	7.5	4.5	4.0	4.0	2.0	3.5	8.5	13.5	14.0	12.0	7.5	14.0
3	11.5	7.5	4.5	9.5	11.0	7.5	5.5	3.0	3.5	2.5	3.5	4.0	7.5	11.0	17.0	15.0	11.0	15.5	14.0	11.5	12.0	15.5	8.0	10.5	9.5	17.0
4	8.5	14.5	13.5	14.5	11.0	15.0	19.5	20.5	20.5	22.5	21.0	19.0	19.5	16.5	14.5	17.0	15.0	21.0	15.0	10.5	7.0	6.5	6.0	9.0	15.0	22.5
5	8.5	6.0	6.5	7.0	6.5	7.0	6.0	4.0	4.5	5.0	4.5	10.0	12.5	13.5	12.5	10.5	10.5	11.0	15.0	8.5	6.5	10.0	8.5	13.5	8.5	15.0
6	12.5	13.0	5.5	5.5	7.0	5.0	3.0	4.0	5.0	6.5	10.5	9.5	10.0	5.0	4.0	10.0	7.5	3.0	4.5	10.5	6.0	5.5	5.0	3.5	6.5	13.0
7	2.5	5.0	4.5	4.5	4.5	2.5	3.5	3.5	5.5	8.5	6.5	7.5	12.0	11.5	8.5	9.0	5.5	5.0	10.0	7.5	4.0	5.5	6.5	8.0	6.5	12.0
8	6.5	4.0	8.0	7.5	5.5	3.0	6.5	5.0	6.0	6.0	7.5	7.0	5.5	6.0	6.5	13.0	9.0	5.5	7.0	5.5	6.5	6.0	9.5	3.0	6.5	13.0
9	7.0	5.5	5.0	5.0	4.5	4.0	2.0	3.0	2.5	5.5	4.5	5.0	4.0	6.0	6.5	10.0	11.0	13.0	15.0	17.0	19.0	17.0	17.0	10.5	8.5	19.0
10	8.0	7.5	7.5	10.0	9.5	8.0	5.0	3.0	5.0	4.5	4.5	4.0	5.0	12.5	11.5	8.0	8.0	6.5	5.5	4.5	9.0	9.5	12.0	8.0	7.5	12.5
11	8.0	11.0	6.0	6.5	4.5	6.0	5.5	2.5	3.5	4.5	11.0	20.0	19.5	9.5	20.5	23.5	30.0	27.5	24.5	24.0	25.5	18.5	13.0	9.0	14.0	30.0
12	3.0	5.5	9.0	8.5	10.5	11.5	6.0	3.0	4.5	12.5	20.0	[MT]	15.5	13.5	15.5	11.5	13.0	13.5	13.5	9.0	6.0	10.5	10.0	8.5	10.0	20.0
13	11.0	11.5	13.0	13.0	12.0	10.5	10.5	5.5	3.5	3.5	4.5	6.5	6.5	6.0	8.0	5.0	4.0	4.5	4.5	5.5	10.5	7.0	11.0	11.0	8.0	13.0
14	9.5	13.0	12.5	8.0	6.0	9.0	7.0	5.5	4.5	4.0	4.5	5.5	7.0	9.0	8.0	11.5	15.5	16.0	11.5	12.0	13.5	13.0	12.0	12.5	9.5	16.0
15	14.5	10.5	10.0	13.0	11.5	17.5	21.0	19.5	17.0	17.0	15.5	14.0	16.0	21.0	22.5	21.0	22.5	23.0	21.5	23.5	24.0	23.0	18.5	14.5	18.0	24.0
16	7.0	11.5	9.0	6.5	3.5	8.0	7.0	9.5	9.0	8.5	9.0	7.5	6.5	4.5	5.5	7.0	5.0	4.0	3.0	4.5	5.5	9.5	11.5	12.0	7.5	12.0
17	14.0	12.5	10.0	9.0	6.5	8.0	6.0	3.5	4.0	4.0	5.0	4.5	5.5	8.5	6.5	7.5	5.0	5.5	3.5	4.5	9.0	11.5	12.5	6.0	7.0	14.0
18	5.5	3.5	7.5	8.5	6.0	7.0	4.5	2.5	4.5	5.0	7.5	6.0	8.0	18.0	16.0	16.0	13.5	13.0	9.0	12.5	12.5	4.5	6.0	8.5	8.5	18.0
19	9.0	5.0	4.5	15.0	7.0	4.5	3.5	2.5	6.0	7.0	9.5	9.0	8.0	15.5	10.0	13.5	16.5	11.0	7.5	9.0	14.5	10.5	6.0	6.5	9.0	15.5
20	5.0	5.0	5.5	8.0	9.0	8.0	5.5	6.5	7.5	3.5	6.0	8.5	18.5	17.0	16.5	11.5	9.0	9.5	8.5	5.5	6.0	8.0	10.0	8.5	8.5	17.0
21	9.5	4.5	6.0	7.5	5.5	4.0	3.5	3.0	4.0	4.0	13.5	13.0	18.0	12.5	6.0	2.5	4.0	5.5	6.0	3.5	3.0	8.5	3.5	6.5	6.5	18.0
22	4.0	3.5	4.5	3.0	5.5	5.0	5.5	3.0	2.5	3.5	5.5	7.5	11.5	8.0	13.0	13.0	18.0	17.5	9.0	4.5	2.0	2.5	7.5	10.5	7.0	18.0
23	7.0	6.5	7.0	8.0	7.0	4.5	3.5	3.0	3.0	3.5	4.0	5.5	7.0	7.0	6.0	6.0	7.5	5.0	10.0	9.0	4.0	5.0	6.5	8.5	6.0	10.0
24	7.0	8.5	7.0	8.0	14.5	4.5	2.5	4.5	3.5	5.0	6.0	6.5	5.0	6.0	12.5	13.5	11.0	11.5	4.0	6.0	4.5	6.0	9.5	9.5	7.5	14.5
25	5.5	4.0	8.0	8.0	10.0	9.5	4.5	3.5	2.5	5.0	4.5	8.0	16.5	15.5	17.0	19.5	4.0	5.5	6.5	10.0	11.0	8.5	6.5	8.5	8.5	19.5
26	8.0	10.0	8.5	10.5	11.5	10.5	6.0	3.0	5.0	5.0	6.0	5.5	8.0	8.0	7.0	6.0	5.0	4.0	4.5	6.0	5.0	11.5	10.5	12.0	7.5	12.0
27	11.5	7.5	10.5	10.0	9.0	10.0	5.5	3.0	4.0	5.5	5.5	5.5	9.5	10.5	9.5	9.5	12.5	8.5	7.0	2.5	7.0	11.0	10.5	6.5	8.0	12.5
28	8.0	5.5	4.0	5.0	5.0	6.0	2.5	2.5	4.5	4.5	8.0	11.5	7.0	9.0	16.0	18.0	19.0	18.0	16.0	14.0	12.0	13.0	9.0	4.0	9.5	19.0
29	8.5	8.0	10.0	8.0	7.5	9.5	7.0	3.5	3.0	4.5	6.5	6.5	7.0	9.0	8.0	20.0	17.0	15.0	17.0	10.5	12.5	13.5	6.0	4.0	9.5	20.0
30	3.0	9.5	9.0	5.5	8.0	9.0	7.5	8.0	4.5	4.0	7.5	8.0	9.0	7.5	6.5	4.0	17.0	12.0	12.5	12.5	15.0	11.0	6.0	7.0	8.5	17.0
31	10.5	6.5	6.0	9.0	7.0	4.5	4.0	3.5	5.5	6.0	4.5	6.0	8.0	9.5	8.5	8.5	14.5	14.5	8.0	3.5	7.0	10.0	11.5	10.5	8.0	14.5
AV	8.0	8.0	8.0	8.5	8.0	7.5	6.0	5.0	5.5	6.0	7.5	8.0	10.0	10.5	11.0	11.5	11.5	11.0	9.5	9.0	9.5	10.0	9.5	9.0	8.5	[ ]
SD	3.0	3.3	2.5	2.9	2.7	3.3	4.1	4.3	3.8	4.1	4.4	3.8	4.4	4.1	4.0	5.2	6.0	6.2	5.5	5.2	5.6	4.4	3.4	2.9	2.5	[ ]

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 30M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 24/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	6.0	5.5	11.5	8.5	5.5	3.5	5.5	4.0	4.0	5.5	7.5	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	6.0	11.5
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	17.0	12.0	15.0	17.0	15.0	14.5	14.5	13.0	11.5	12.0	12.0	5.0	13.0	17.0
3	10.0	7.0	3.5	6.0	7.0	4.5	4.0	3.0	4.5	15.5	20.0	22.0	22.5	22.5	20.5	22.0	20.0	18.0	17.5	14.0	12.5	14.5	6.5	3.5	12.5	22.5
4	9.5	9.0	4.5	8.5	6.0	2.5	3.0	4.0	4.0	5.0	13.0	19.5	17.5	18.5	17.0	17.5	16.5	16.0	13.0	11.0	13.5	12.0	12.0	7.5	11.0	19.5
5	7.5	11.5	13.5	7.5	9.5	7.5	4.0	2.5	4.5	7.0	7.5	10.0	13.5	13.0	14.5	15.5	15.5	13.0	13.0	10.0	12.0	8.0	12.5	9.5	10.0	15.5
6	11.5	10.5	9.0	5.5	5.5	7.5	4.0	3.0	3.0	12.5	20.0	19.5	19.0	18.5	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	10.5	20.0
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	12.5	15.0	17.0	16.0	16.0	10.5	11.5	12.0	10.0	9.5	13.0	17.0
8	8.5	4.5	5.5	6.0	4.0	5.0	3.5	3.0	13.5	15.5	18.5	19.0	20.0	21.5	16.5	11.5	15.5	16.0	14.0	14.5	10.0	13.5	4.0	6.0	11.0	21.5
9	8.5	9.5	8.5	10.0	7.5	8.0	6.0	5.0	5.0	7.5	8.0	20.0	20.5	18.5	19.0	18.0	18.5	21.0	20.0	16.5	11.5	13.0	12.5	11.0	12.5	21.0
10	12.5	9.5	9.0	9.0	5.0	9.5	11.0	12.5	18.0	19.0	19.0	21.0	20.5	23.5	25.0	27.5	27.0	26.0	24.5	20.5	17.0	13.5	13.0	6.5	16.5	27.5
11	4.5	9.5	9.0	10.0	11.0	8.0	7.5	11.5	18.0	20.5	21.0	20.5	17.5	17.0	16.0	20.5	18.5	21.5	19.5	20.5	10.0	9.5	12.0	11.5	14.5	21.5
12	8.5	8.5	7.0	7.0	8.0	10.0	9.5	4.5	7.0	12.5	13.5	14.5	13.5	16.5	17.5	15.0	13.5	12.0	16.0	9.5	11.5	7.5	5.5	3.0	10.5	17.5
13	7.5	11.5	9.5	6.0	5.5	9.0	9.0	5.0	6.5	7.5	10.5	14.0	13.0	12.5	12.0	17.0	14.5	22.5	14.5	12.5	11.0	11.0	9.5	16.5	11.5	22.5
14	10.5	10.0	8.5	8.5	12.0	10.5	8.5	8.5	9.5	12.0	11.0	10.5	7.5	9.0	7.5	6.5	5.5	7.5	14.0	17.0	11.5	6.5	3.0	7.0	9.5	17.0
15	9.0	10.5	9.5	9.0	8.5	8.5	6.5	3.5	4.5	4.0	5.0	5.5	6.5	6.5	6.0	8.0	7.5	6.0	2.5	11.5	13.5	13.5	5.5	4.5	7.5	13.5
16	4.5	4.5	5.0	3.5	6.0	6.5	4.5	3.5	6.0	9.5	9.5	6.5	9.0	17.0	14.5	19.0	20.5	20.0	10.5	18.5	21.5	14.0	17.5	14.0	11.0	21.5
17	12.5	6.5	5.0	5.5	6.5	7.0	3.5	5.5	4.5	4.0	6.0	7.0	8.5	13.0	9.5	10.5	14.0	7.0	11.0	10.0	7.5	7.0	10.0	5.5	8.0	14.0
18	7.0	8.0	9.0	8.0	9.0	9.0	3.5	3.0	5.0	5.5	10.0	12.0	13.0	11.5	12.5	9.0	5.0	10.5	14.5	17.0	18.5	17.5	9.5	4.0	9.5	18.5
19	4.5	7.5	9.5	9.0	8.0	7.0	2.5	3.5	4.0	4.5	5.5	5.5	6.5	8.0	7.0	7.0	5.5	5.5	3.0	7.5	4.5	8.0	5.5	5.5	6.0	9.5
20	5.0	4.5	5.0	6.5	6.5	6.0	3.0	3.0	4.0	5.0	5.5	9.5	13.5	20.5	21.0	21.5	20.5	18.0	19.0	17.5	16.0	17.5	15.0	11.5	11.5	21.5
21	11.0	6.0	6.0	9.5	8.5	7.5	3.0	4.0	5.0	7.0	12.0	19.0	18.0	19.0	19.5	20.0	17.0	17.0	17.0	16.0	13.0	12.0	15.5	17.0	12.5	20.0
22	12.0	13.0	18.0	20.0	24.5	15.5	13.5	16.0	17.5	15.5	12.5	6.0	3.0	11.0	14.0	17.0	17.0	20.5	6.0	8.5	7.5	7.0	9.0	5.5	13.0	24.5
23	4.0	8.0	4.5	3.0	5.0	8.0	6.5	6.0	11.5	11.0	12.0	10.0	13.5	14.5	12.0	16.5	22.0	25.0	31.0	27.5	19.5	6.0	4.0	4.5	12.0	31.0
24	7.5	9.0	10.5	9.5	9.0	9.5	8.0	4.0	5.5	7.5	11.0	9.5	9.0	12.5	12.5	8.0	7.0	17.0	19.0	19.5	17.0	14.0	11.5	7.5	10.5	19.5
25	12.0	8.5	10.0	6.5	9.5	9.0	5.5	3.5	4.5	5.5	11.0	18.5	20.5	19.0	20.5	17.5	14.0	12.5	17.5	15.0	16.5	13.0	7.5	3.0	11.5	20.5
26	5.0	3.0	8.0	7.0	5.0	4.0	5.0	4.5	8.0	6.0	11.0	10.5	8.5	7.5	9.0	8.5	11.0	9.0	9.0	8.5	5.5	7.0	9.0	12.0	7.5	12.0
27	12.5	10.5	7.0	11.0	11.0	9.0	5.0	2.5	3.5	4.0	5.0	4.5	9.5	16.5	11.0	9.0	13.0	12.5	10.0	13.0	11.0	6.5	9.0	12.0	9.0	16.5
28	13.5	12.5	5.0	7.0	7.5	6.5	4.0	3.0	5.0	3.5	5.5	6.5	7.5	5.5	6.5	6.5	7.0	6.0	8.5	7.5	3.5	8.0	9.5	7.5	7.0	13.5
29	6.5	7.0	7.5	8.0	8.0	9.0	7.0	3.5	4.0	4.5	6.0	5.5	8.0	8.5	19.0	14.5	7.5	6.5	13.0	15.5	16.5	17.5	13.5	14.5	9.5	19.0
30	11.0	10.5	10.5	5.0	4.0	3.5	3.5	4.0	10.5	15.0	16.5	16.0	17.0	19.0	15.5	17.5	21.0	8.0	9.5	12.0	11.5	6.5	4.5	7.5	11.0	21.0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	8.5	8.5	8.0	8.0	8.0	7.5	5.5	5.0	7.0	9.0	11.0	12.5	13.5	14.5	14.5	15.0	14.5	14.5	14.0	14.0	12.5	11.0	9.5	8.5	10.5	[ ]
SD	2.9	2.5	3.1	3.0	3.8	2.6	2.7	3.2	4.5	4.9	4.9	5.8	5.1	5.0	4.8	5.4	5.7	6.0	5.9	4.6	4.3	3.5	3.7	4.0	2.4	[ ]

WIND SPEED @ 30M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A-6

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 24/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	6.0	12.0	9.5	4.5	4.5	7.0	7.5	6.0	7.0	12.5	9.0	9.0	8.0	8.5	12.5	8.5	9.5	13.0	12.0	11.5	11.0	11.5	7.5	3.5	9.0	13.0
2	3.0	7.0	23.5	22.0	6.0	7.0	9.0	3.5	4.5	5.5	6.5	7.0	8.5	9.0	14.0	20.0	19.5	16.5	11.5	8.0	9.0	13.5	7.5	5.0	10.5	23.5
3	11.0	8.0	9.0	9.5	9.5	5.0	4.0	3.5	4.0	4.0	6.0	6.0	6.5	8.5	9.0	9.0	7.5	5.5	6.0	6.5	4.0	9.5	11.0	14.0	7.5	14.0
4	14.0	13.0	11.5	12.5	8.0	10.0	8.0	3.5	4.0	4.5	6.0	6.0	7.5	14.5	10.5	13.0	17.0	13.5	12.0	6.5	7.5	10.5	11.5	9.0	10.0	17.0
5	10.5	9.5	11.5	12.0	9.0	9.0	3.5	3.0	4.5	5.5	8.5	10.0	6.5	8.5	10.0	10.0	8.5	8.5	6.5	7.5	6.5	11.5	13.0	12.5	8.5	13.0
6	5.0	9.5	11.5	9.5	8.5	9.0	6.5	2.5	4.5	6.0	4.0	4.0	7.0	7.0	8.0	7.5	5.5	13.0	16.0	10.5	9.5	9.0	7.0	10.0	8.0	16.0
7	7.0	5.5	9.0	5.0	4.5	5.0	4.0	2.5	4.0	5.0	11.0	11.5	12.5	16.0	22.5	15.0	9.5	17.0	21.0	17.0	14.0	10.5	20.5	20.0	11.0	22.5
8	16.0	6.0	3.5	4.0	6.5	6.5	4.0	2.5	3.5	6.0	6.5	10.0	9.0	10.5	6.0	8.0	11.0	8.5	4.0	12.0	12.0	13.5	12.0	8.5	8.0	16.0
9	5.5	7.5	11.0	11.0	8.0	6.5	3.0	4.0	5.0	7.0	7.5	7.5	8.0	11.0	14.5	9.5	7.0	6.0	6.0	5.5	10.5	11.0	10.5	15.5	8.5	15.5
10	14.5	16.0	6.5	6.0	4.5	8.5	7.0	4.0	4.0	5.5	7.0	6.5	7.0	9.0	10.0	18.5	14.0	9.0	8.5	6.0	19.0	14.5	9.5	7.5	9.5	19.0
11	2.5	3.5	7.0	10.0	13.5	13.0	4.0	3.0	3.5	4.5	7.0	6.5	7.5	7.0	8.0	13.5	11.5	9.5	21.0	9.5	6.5	10.5	9.0	9.5	8.5	21.0
12	9.5	12.0	9.5	8.0	5.0	7.5	4.0	8.0	8.0	8.0	5.0	6.5	15.0	17.0	9.5	9.5	10.5	13.0	11.0	6.5	8.5	6.0	6.5	5.5	8.5	17.0
13	6.5	7.5	5.0	5.0	6.0	8.0	5.5	4.0	4.0	4.5	6.0	6.0	7.5	12.0	11.0	12.5	8.5	7.0	5.5	4.5	5.0	8.0	5.5	4.0	6.5	12.5
14	8.5	8.5	10.0	11.5	10.0	10.0	5.0	4.0	4.0	5.0	10.0	10.5	8.0	10.5	20.0	17.0	11.0	12.0	10.5	6.5	3.5	6.0	8.0	8.0	9.0	20.0
15	11.5	9.5	10.5	10.5	10.5	9.5	5.5	3.5	4.0	6.0	6.5	7.5	8.5	8.0	8.0	5.5	7.0	6.0	5.5	3.0	4.5	5.0	10.0	12.5	7.5	12.5
16	13.5	9.5	7.5	9.0	8.0	9.5	7.5	4.5	3.5	4.0	5.5	7.0	6.5	9.0	11.0	9.0	10.0	9.5	7.0	11.0	5.0	11.0	9.5	11.0	6.5	13.5
17	8.0	6.5	3.0	7.0	5.5	6.0	6.0	3.5	8.5	10.0	9.0	9.0	7.0	7.0	9.0	10.0	16.5	16.0	22.0	13.5	10.5	11.5	8.0	6.0	9.0	22.0
18	5.0	8.0	10.5	7.0	5.0	3.0	3.5	4.5	3.0	4.0	6.5	10.5	6.5	12.5	17.0	17.0	15.0	13.5	7.0	9.0	13.5	5.0	3.5	5.5	8.0	17.0
19	5.5	6.5	7.0	5.0	3.0	3.5	3.0	3.0	3.0	3.5	6.0	6.0	6.5	7.5	13.5	17.5	12.0	8.5	15.0	18.5	19.0	14.5	9.5	13.5	9.0	19.0
20	12.5	8.5	6.0	6.0	4.5	9.5	6.0	4.5	4.0	3.5	3.5	4.0	5.5	6.5	6.0	16.5	22.5	7.0	6.5	8.5	11.0	6.5	9.0	11.5	8.0	22.5
21	10.0	11.5	11.5	10.5	6.5	9.5	6.0	4.0	3.5	4.5	5.5	5.5	8.0	7.0	7.5	10.0	16.5	9.5	9.0	8.5	9.0	5.0	6.0	9.5	8.0	16.5
22	10.0	8.0	9.5	10.5	11.5	11.0	6.5	4.0	3.5	4.0	5.5	5.0	8.0	8.0	7.0	7.5	13.0	8.0	10.5	10.0	4.0	4.5	9.5	11.0	8.0	13.0
23	7.0	9.5	11.5	11.5	8.0	7.5	6.5	4.0	3.5	5.5	[PF]	[PF]	7.5	7.5	10.5	10.5	10.0	9.5	8.5	11.5	10.0	12.0	13.0	9.0	9.0	13.0
24	6.5	4.5	7.5	6.0	5.5	6.5	7.0	4.5	6.0	5.5	6.0	7.0	9.0	8.0	10.0	6.5	12.5	13.5	16.5	10.0	10.5	9.5	11.0	13.0	8.0	16.5
25	6.5	6.5	7.5	4.0	4.0	6.5	6.0	9.0	10.0	6.5	6.5	8.5	10.5	18.5	19.5	15.0	17.0	11.5	8.5	6.0	7.5	5.0	4.0	6.0	9.0	19.5
26	5.0	2.5	5.0	9.5	8.0	6.0	3.0	2.0	2.5	3.0	3.5	5.0	7.5	7.5	12.5	17.0	10.0	6.0	6.0	7.0	10.0	11.5	8.0	9.0	7.0	17.0
27	14.5	10.5	6.5	5.5	6.0	3.5	7.0	3.0	5.5	5.5	4.0	6.5	11.5	12.5	8.5	10.0	13.0	15.0	14.0	8.5	2.5	8.0	12.5	9.0	8.5	15.0
28	11.5	11.0	10.5	11.5	9.0	9.5	5.0	4.0	2.5	4.5	5.0	7.0	10.5	14.5	21.0	20.0	10.5	8.0	6.5	7.5	4.0	8.5	11.0	9.0	9.5	21.0
29	11.0	6.5	9.0	11.5	8.5	7.0	8.0	5.5	4.0	4.0	7.5	6.5	8.0	16.0	8.0	17.0	15.5	11.0	9.5	7.0	4.5	7.5	9.5	14.0	9.0	17.0
30	8.5	9.0	4.5	6.5	3.0	4.5	4.0	6.0	6.5	5.5	8.0	7.5	7.5	7.0	8.0	10.0	10.5	11.5	19.5	14.5	6.5	17.0	23.0	18.0	9.5	23.0
31	6.0	7.5	11.0	10.5	6.5	4.0	3.0	2.5	5.0	8.5	10.0	10.0	9.0	9.5	8.0	7.5	8.0	16.5	12.0	17.5	19.0	7.5	6.5	5.0	9.0	19.0
AV	9.0	8.5	9.0	9.0	7.0	7.5	5.5	4.0	4.5	5.5	6.5	7.5	8.5	10.0	11.5	12.5	12.0	10.5	10.5	9.0	9.0	9.5	10.0	10.0	8.5	[ ]
SD	3.5	2.8	3.6	3.6	2.5	2.4	1.7	1.5	1.7	2.0	1.9	1.9	1.9	3.4	4.3	4.3	3.9	3.4	4.9	3.5	4.5	3.2	4.0	3.9	.9	[ ]

OUTPT [VERSION N 28 JUL 76]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	120	120	115	115	115	125	105	35	270	250	270	245	275	255	250	240	260	265	200	110	105	85	90	115	6	
2	120	130	120	120	110	85	65	50	15	285	255	250	240	255	235	330	320	15	100	120	120	125	115	120	6	
3	105	100	80	110	105	90	240	10	270	315	255	330	135	200	170	200	180	180	180	150	130	180	200	205	9	
4	160	145	140	155	150	160	160	155	175	200	220	205	210	195	220	210	255	285	250	175	140	120	135	135	8	
5	140	100	105	110	95	105	110	210	250	285	265	255	265	270	275	295	280	335	310	350	10	255	325	225	13	
6	245	245	215	135	130	175	290	350	10	250	260	260	180	300	80	65	55	335	40	125	120	135	155	140	7	
7	105	125	120	110	110	120	95	85	10	10	10	5	15	15	20	345	300	290	255	235	120	110	105	120	6	
8	110	260	200	125	95	80	125	60	70	120	125	140	165	240	235	160	215	130	130	120	80	160	130	350	7	
9	125	135	150	135	165	105	75	90	35	300	225	240	280	280	270	285	250	265	150	130	130	130	130	130	7	
10	110	105	120	130	125	105	100	75	260	30	240	240	240	190	140	190	175	205	245	130	135	140	135	155	7	
11	120	125	105	100	90	105	35	335	260	270	245	235	255	210	245	245	255	255	255	255	250	270	255	230	12	
12	350	105	110	105	120	130	90	75	330	290	320	315	330	335	335	350	350	315	335	310	95	120	120	140	16	
13	130	125	115	120	110	105	110	75	65	225	200	295	265	270	300	295	160	240	155	145	115	125	120	120	6	
14	115	115	110	90	70	90	70	25	320	260	265	255	275	255	290	170	210	210	175	125	125	130	120	145	6	
15	235	270	310	325	40	45	55	50	30	30	35	40	30	45	45	50	45	45	40	40	40	45	50	50	[VA]	
16	60	35	45	15	110	85	65	50	25	15	350	335	340	285	330	220	210	255	70	340	110	115	120	115	6	
17	115	115	105	100	85	100	100	50	325	315	270	255	290	300	315	250	210	285	295	75	105	125	130	45	6	
18	85	90	95	115	115	110	65	75	310	300	305	320	275	205	200	180	210	190	190	205	240	220	120	115	[VA]	
19	160	110	125	140	145	140	115	60	220	265	275	115	210	155	55	160	145	125	115	135	110	115	140	210	7	
20	330	260	140	155	130	130	210	150	240	175	100	150	150	130	140	120	125	140	105	105	115	125	130	125	7	
21	135	115	105	115	110	85	65	30	110	100	155	150	125	125	115	285	300	205	245	280	280	240	220	115	[VA]	
22	180	85	105	110	125	125	120	135	335	0	260	285	290	110	155	140	180	170	140	120	55	100	130	130	6	
23	115	115	120	145	135	205	135	145	250	285	225	5	305	240	240	165	10	345	25	70	80	120	240	335	7	
24	70	95	345	345	30	105	40	240	250	275	255	230	180	230	130	65	195	80	355	100	90	110	115	125	5	
25	85	125	130	110	125	125	95	75	100	250	315	260	270	205	205	315	275	70	75	125	120	110	115	115	6	
26	110	115	115	120	115	125	95	70	270	235	75	340	310	310	305	240	10	45	275	15	105	120	110	120	6	
27	115	100	125	115	110	115	80	40	295	265	265	230	265	275	240	255	255	240	300	35	105	125	115	85	6	
28	85	75	45	80	105	100	100	265	35	335	275	5	5	230	175	190	105	205	170	150	130	125	165	130	9	
29	120	110	125	130	125	125	120	95	275	275	250	230	235	195	150	260	280	290	270	260	250	245	280	230	13	
30	130	125	130	140	125	115	110	205	20	355	255	240	235	280	265	5	270	125	95	125	130	120	80	95	7	
31	120	95	95	120	115	85	95	330	300	285	250	250	255	160	140	175	210	260	250	185	115	115	100	100	6	
PV	6	6	6	6	6	6	5	4	13	13	12	12	13	13	12	9	10	14	12	7	6	6	6	6	6	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	80	90	110	100	100	110	100	35	5	290	320	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[VA]	
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	250	180	165	140	175	170	150	185	165	125	115	95	8	
3	115	120	45	70	75	100	60	25	285	190	160	150	155	190	185	165	175	180	200	200	185	125	320	75	9	
4	115	125	140	110	110	110	85	40	315	310	210	150	170	165	175	175	175	190	195	205	185	130	140	90	9	
5	150	115	120	100	115	110	70	355	305	305	295	320	115	145	125	145	160	155	145	135	130	115	110	120	7	
6	125	95	95	75	50	35	60	[VA]	260	145	160	150	170	175	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	8	
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	200	185	190	155	115	135	130	130	130	125	7	
8	105	90	55	85	115	100	70	310	155	145	165	150	155	165	185	220	175	175	215	235	200	150	135	130	6	
9	130	140	135	115	110	110	75	5	335	255	255	165	165	180	170	165	175	185	185	180	165	130	135	105	7	
10	100	95	90	85	30	105	135	145	150	135	145	140	135	150	150	160	160	155	170	185	240	265	270	280	8	
11	105	135	125	130	135	150	215	255	210	170	170	180	195	255	220	210	215	260	265	255	175	140	140	150	[VA]	
12	190	170	140	120	130	135	135	225	260	230	250	250	250	250	235	230	220	215	235	240	200	205	250	85	11	
13	120	130	175	170	155	130	140	95	350	30	255	245	270	275	290	300	280	255	285	255	75	125	70	50	12	
14	70	110	140	135	145	140	140	215	215	245	245	215	255	260	295	295	225	315	15	0	10	15	225	130	11	
15	120	115	125	125	125	105	105	10	295	195	305	100	305	300	315	285	265	265	10	130	130	125	70	75	6	
16	80	95	330	40	60	60	95	75	225	225	250	195	270	275	285	285	285	255	240	260	265	305	100	150	13	
17	145	110	100	115	125	135	145	310	275	285	325	0	260	295	10	60	265	105	145	145	110	75	65	100	6	
18	115	110	110	115	110	115	70	305	250	250	235	255	265	250	280	270	[VA]	340	25	40	40	45	60	65	12	
19	95	120	120	125	125	115	90	295	265	270	260	235	255	260	250	270	270	250	60	20	70	115	105	100	[VA]	
20	95	105	105	110	110	115	110	0	320	345	10	265	230	145	180	170	185	190	170	155	140	145	195	150	6	
21	120	105	75	120	115	110	60	5	275	260	230	225	220	215	225	215	205	195	165	160	140	130	145	160	[VA]	
22	135	135	150	140	150	130	120	110	115	125	[VA]	70	330	80	220	310	300	250	55	125	125	105	65	95	[VA]	
23	125	125	160	140	125	130	135	220	230	245	235	225	225	235	265	250	255	255	255	260	270	320	65	100	11	
24	120	120	120	120	110	110	115	80	265	240	255	250	235	235	215	275	230	255	260	260	255	240	225	120	12	
25	150	95	115	95	110	100	80	30	260	260	255	205	215	200	225	240	205	225	235	235	225	175	105	35	[VA]	
26	120	125	135	130	100	95	100	5	0	220	20	25	30	315	240	275	260	310	315	300	5	115	130	135	7	
27	115	95	90	115	115	110	75	30	280	280	280	255	255	270	255	225	245	265	285	285	310	110	120	120	13	
28	115	[VA]	105	115	120	130	90	275	245	230	295	265	235	265	305	245	330	315	10	30	120	125	125	110	6	
29	140	120	115	120	115	110	95	70	5	270	270	285	285	230	195	175	265	325	70	100	120	120	130	135	6	
30	125	140	130	10	80	95	65	335	225	205	180	160	145	160	130	155	170	245	325	120	150	110	265	190	8	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	6	6	6	6	6	6	5	1	13	12	12	12	12	13	11	13	9	12	[VA]	[VA]	7	7	7	5	6	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	235	170	170	(VA)	110	130	165	175	240	200	250	260	70	75	70	85	140	175	175	175	130	125	150	105	9	
2	110	80	50	55	90	120	145	115	240	275	245	255	265	245	235	240	230	215	215	230	255	270	5	115	12	
3	75	60	80	125	115	135	115	235	250	325	300	250	315	275	295	275	270	30	15	355	90	130	110	120	6	
4	120	115	110	110	90	115	105	55	330	295	245	285	270	255	255	255	225	210	230	205	115	130	130	110	6	
5	130	110	115	105	100	110	85	300	270	265	240	265	280	260	260	260	320	355	320	325	80	120	115	110	6	
6	100	115	130	145	125	110	95	(VA)	335	255	235	(VA)	275	310	200	95	(VA)	250	275	255	235	130	115	135	7	
7	115	130	135	90	95	100	85	85	345	270	245	155	130	120	130	105	100	145	145	120	130	130	125	125	7	
8	130	(VA)	345	80	105	110	100	45	285	270	275	250	255	235	215	220	180	255	280	130	130	135	135	140	7	
9	85	135	135	135	105	90	45	60	200	220	250	260	250	285	165	150	(VA)	165	95	120	135	135	165	140	7	
10	130	130	115	230	100	115	120	75	325	270	240	240	240	250	195	135	115	155	270	5	70	90	130	170	7	
11	85	115	115	120	125	110	80	35	270	260	285	240	260	270	285	205	205	185	255	235	125	130	145	130	7	
12	140	135	130	130	90	215	95	135	200	260	245	285	260	295	100	130	120	125	130	305	340	(VA)	115	(VA)	7	
13	60	100	125	110	125	120	180	230	255	270	290	270	245	270	255	260	290	245	280	340	65	125	160	110	13	
14	145	125	130	135	130	130	125	260	275	285	20	0	305	235	250	235	255	260	270	270	145	125	135	140	7	
15	145	135	125	125	115	100	105	(VA)	275	15	5	40	35	30	315	285	(VA)	(VA)	355	30	85	110	125	120	6	
16	120	120	105	115	120	110	110	105	310	5	325	290	240	245	230	265	295	310	330	355	75	130	145	140	6	
17	140	130	75	95	105	115	105	80	220	265	280	255	255	280	30	285	285	290	260	190	(VA)	155	100	70	13	
18	210	35	130	265	30	20	115	120	60	290	255	280	255	260	260	255	250	250	285	125	115	(VA)	(VA)	125	13	
19	125	145	165	245	300	90	(VA)	265	285	(VA)	275	270	210	260	200	130	165	145	145	140	135	215	(VA)	110	7	
20	95	100	110	195	105	130	120	125	320	(VA)	255	235	265	330	155	245	230	120	160	140	130	160	115	115	7	
21	105	120	115	110	90	100	90	80	(VA)	265	250	245	245	220	280	235	295	300	280	290	330	135	110	140	6	
22	130	130	115	115	115	115	95	65	340	240	305	(VA)	345	55	30	310	25	10	325	320	60	110	125	130	6	
23	125	115	105	105	90	90	105	45	(VA)	290	(PF)	(PF)	295	265	25	350	310	340	15	40	75	115	130	60	6	
24	115	55	30	65	105	110	90	335	15	350	330	310	275	270	275	285	155	140	145	145	130	180	155	130	7	
25	155	135	145	95	135	150	140	145	190	240	250	30	60	135	70	110	225	240	105	10	70	135	90	125	7	
26	130	95	125	115	110	110	85	90	105	155	225	215	235	245	245	140	135	125	130	130	135	125	170	110	6	
27	145	135	115	130	100	70	105	295	240	230	(VA)	240	265	315	290	290	265	295	295	250	110	125	135	105	7	
28	125	130	120	130	115	100	85	85	(VA)	320	(VA)	220	235	250	280	310	315	320	290	275	155	130	125	105	7	
29	115	130	110	110	105	110	115	60	330	295	255	265	285	(VA)	60	280	295	310	345	25	55	60	60	50	6	
30	325	355	80	210	95	125	135	240	245	315	295	305	250	275	280	270	285	300	270	235	100	50	50	60	13	
31	70	(VA)	255	245	290	70	125	265	285	270	270	280	305	270	295	255	285	245	230	190	185	(VA)	45	50	13	
PV	6	6	6	6	6	6	6	4	12	(VA)	12	(VA)	(VA)	12	13	13	14	(VA)	13	7	7	7	7	(VA)	6	

WIND DIRECTION @ 20M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 24/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PAX
1	160	155	155	155	150	155	145	70	300	280	290	275	305	285	280	270	265	295	230	150	150	135	135	155	8	
2	160	165	155	155	145	130	100	70	20	305	285	290	270	280	265	100	0	50	135	160	155	160	145	155	[VA]	
3	135	125	110	145	140	125	100	350	300	320	315	300	170	235	200	230	205	210	210	180	160	210	230	235	10	
4	195	175	170	185	190	190	185	200	230	245	235	255	220	250	240	285	320	280	205	175	155	165	165	170	9	
5	175	140	140	145	135	140	155	235	275	315	305	280	295	305	310	330	290	350	340	15	40	300	355	260	15	
6	275	275	245	170	160	190	315	15	40	280	295	290	210	330	120	95	80	355	70	155	165	170	175	175	9	
7	150	160	160	145	145	150	130	115	45	35	40	[VA]	45	45	50	15	330	330	285	[VA]	150	145	150	155	8	
8	175	280	225	160	130	125	155	90	100	145	160	170	195	260	270	190	240	160	160	150	105	190	160	5	8	
9	165	170	175	165	180	145	90	120	75	335	255	270	305	310	300	315	280	295	190	155	150	155	160	160	8	
10	145	145	155	160	160	140	135	140	285	[VA]	265	270	270	220	170	220	230	235	275	135	170	170	165	185	9	
11	160	160	140	145	170	140	65	0	290	300	280	260	285	240	275	275	285	235	280	285	280	300	285	260	15	
12	[VA]	145	150	140	150	160	150	[VA]	[VA]	325	335	[MT]	350	5	10	25	25	345	5	340	[VA]	160	155	175	[VA]	
13	165	160	150	155	145	140	145	110	115	235	310	320	315	295	330	320	225	270	185	180	155	170	155	155	8	
14	155	150	145	130	110	135	110	60	315	300	290	290	305	305	320	195	240	240	205	155	155	160	155	175	8	
15	260	305	345	0	70	75	80	75	55	60	60	65	55	70	75	75	75	75	65	70	70	75	75	85	4	
16	80	65	70	45	140	110	90	75	50	25	35	5	[VA]	300	325	250	295	275	50	10	185	150	155	150	5	
17	150	150	145	140	130	145	140	85	10	345	305	280	315	325	5	275	210	315	[VA]	105	145	150	165	[VA]	7	
18	125	140	145	145	150	150	120	95	[VA]	330	340	320	225	230	230	205	235	215	210	235	270	260	160	150	[VA]	
19	185	145	155	185	170	185	160	135	250	295	310	110	240	185	100	190	170	195	155	165	140	145	150	225	8	
20	20	305	165	190	160	160	160	180	270	230	130	175	160	160	170	150	155	170	165	135	150	160	165	165	8	
21	170	180	145	150	155	115	90	[VA]	140	195	180	180	155	155	160	325	335	75	[VA]	[VA]	195	270	250	145	8	
22	190	120	175	155	160	155	155	[VA]	0	345	290	315	[VA]	[VA]	185	170	210	195	170	180	90	120	165	165	9	
23	150	155	165	150	170	230	150	175	280	310	260	30	335	270	255	195	40	15	55	95	120	155	260	0	8	
24	95	130	[VA]	45	55	130	50	275	255	310	280	265	210	275	160	95	240	110	50	130	[VA]	145	150	160	7	
25	125	135	160	155	160	160	135	100	110	280	345	290	305	235	235	355	340	55	110	160	155	145	145	135	7	
26	155	155	155	155	150	155	135	125	300	265	100	[VA]	335	350	340	300	65	75	310	85	125	160	145	150	[VA]	
27	150	135	160	155	145	155	120	65	320	300	300	275	295	305	270	290	285	270	350	55	145	165	150	150	[VA]	
28	130	120	75	90	135	140	130	120	65	355	310	55	[VA]	260	205	215	215	230	195	180	160	160	195	150	7	
29	155	150	165	165	160	170	160	[CA]	275	305	280	265	235	[VA]	165	285	310	320	305	290	285	275	310	265	[VA]	
30	155	160	165	175	160	155	150	240	60	25	285	270	265	295	295	50	[VA]	[VA]	130	155	160	155	120	[VA]	8	
31	155	130	150	155	155	135	135	350	335	320	315	280	275	190	170	200	240	290	280	225	150	155	145	140	8	
PV	8	8	8	8	8	8	7	6	[VA]	15	14	14	15	13	[VA]	[VA]	12	14	10	8	7	8	[VA]	8	8	

WIND DIRECTION @ 20M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 24/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEK
1	105	120	150	145	125	130	145	65	30	320	315	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	7	
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	280	200	190	170	205	195	180	215	195	155	155	155	9	
3	160	155	85	85	90	120	[VA]	45	310	215	185	180	185	220	215	195	200	210	230	230	215	155	145	135	10	
4	155	170	180	155	150	150	125	55	355	350	240	180	200	195	205	205	200	220	225	235	215	160	165	145	10	
5	180	155	155	135	150	150	115	15	340	335	325	[VA]	150	175	155	175	185	185	175	165	160	155	150	160	8	
6	160	135	130	115	80	55	55	[VA]	280	170	190	180	200	200	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	9	
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	225	210	215	185	145	170	160	160	165	160	8	
8	145	135	95	105	145	155	110	355	185	175	195	175	180	180	200	225	165	190	215	245	215	165	170	170	9	
9	165	155	160	145	130	130	110	15	355	280	270	175	180	205	195	195	200	215	215	210	195	160	165	150	8	
10	140	130	125	130	205	160	165	170	175	165	170	165	180	180	190	185	195	210	270	295	295	305	[IM]	[IM]	8	
11	[VA]	170	160	160	170	180	235	280	235	200	195	210	225	285	250	240	240	290	295	285	205	170	170	180	9	
12	225	205	180	155	165	165	165	250	280	260	280	285	280	275	260	260	250	245	265	270	230	235	225	130	13	
13	150	160	210	220	200	165	170	130	15	60	285	275	300	305	320	335	315	290	320	285	110	155	95	75	[VA]	
14	100	135	170	165	170	170	170	240	245	270	275	250	280	285	310	265	260	345	45	30	40	45	300	165	13	
15	155	155	160	160	160	145	140	[VA]	330	230	315	145	330	325	330	320	290	305	60	160	160	155	100	105	8	
16	120	130	355	50	80	70	110	140	240	255	240	225	305	310	315	315	300	290	270	290	295	335	145	95	14	
17	130	145	145	155	155	165	170	355	305	320	355	35	290	325	40	85	295	135	175	175	140	95	95	130	7	
18	150	150	150	150	145	155	120	325	285	280	265	285	295	275	310	305	275	10	55	70	70	70	85	90	13	
19	140	150	160	160	165	155	105	275	305	305	285	255	285	290	285	295	295	315	80	50	105	150	135	135	14	
20	120	120	145	145	155	155	155	[VA]	350	20	45	275	260	175	210	200	215	215	195	185	170	175	225	180	9	
21	150	135	105	160	160	155	95	20	310	290	255	255	250	240	250	245	230	225	195	185	170	165	175	135	8	
22	170	165	180	165	180	160	150	155	145	155	40	300	5	115	240	340	335	280	85	165	155	140	95	120	8	
23	155	155	200	170	155	160	165	255	260	275	265	255	255	260	300	275	285	280	285	285	300	350	75	100	13	
24	160	160	160	160	155	150	145	170	290	280	280	255	265	245	230	240	265	295	285	285	270	255	150	5	[VA]	
25	165	175	165	140	150	140	115	65	290	295	285	235	245	230	255	230	235	255	265	250	250	205	145	[VA]	[VA]	
26	165	160	175	175	245	125	140	345	35	[VA]	35	65	55	345	270	305	290	340	345	330	25	160	165	165	8	
27	155	135	130	150	155	145	110	40	305	315	315	285	290	300	285	255	275	295	315	320	320	155	160	155	15	
28	150	150	150	155	160	170	135	320	275	270	325	300	265	280	300	300	0	315	40	60	155	160	155	145	8	
29	180	160	160	165	160	150	140	105	10	300	310	310	320	260	220	205	295	0	105	130	150	150	160	165	8	
30	155	170	165	45	125	120	60	325	250	235	205	190	175	190	160	165	200	265	335	150	180	155	235	215	9	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	[VA]	8	8	[VA]	8	8	7	12	[VA]	13	13	[VA]	13	13	12	10	[VA]	14	13	9	8	[VA]	8	8	8	

WIND DIRECTION @ 20M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 24/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	235	170	180	175	130	160	190	215	260	200	280	300	160	105	105	115	135	165	200	205	160	160	155	180	9	
2	150	120	75	80	115	150	165	140	280	295	270	285	295	275	265	255	260	245	245	265	290	300	5	120	13	
3	105	90	105	150	160	180	150	290	280	0	290	285	335	305	330	305	305	60	45	30	135	165	155	155	[VA]	
4	155	150	150	145	135	150	145	90	0	320	275	315	315	290	290	285	255	240	260	240	150	160	165	140	[VA]	
5	160	150	150	145	140	145	125	[VA]	300	295	275	295	290	290	290	270	350	20	350	355	95	160	155	165	8	
6	145	155	165	170	165	150	130	[VA]	0	265	260	[VA]	305	330	220	115	130	280	300	285	270	170	155	170	8	
7	155	165	165	120	125	140	130	120	10	300	275	165	160	150	160	135	150	175	175	150	160	160	155	155	8	
8	160	170	[VA]	85	150	150	140	125	320	305	300	280	285	265	235	245	210	285	305	160	165	165	165	175	8	
9	135	180	165	170	155	140	75	80	235	255	280	285	290	315	195	190	190	180	125	150	165	165	185	175	8	
10	160	160	160	[VA]	135	155	155	100	0	300	270	265	275	265	225	165	150	185	300	35	95	120	160	195	8	
11	[VA]	160	155	160	155	145	125	[VA]	295	300	315	265	285	300	315	230	235	215	280	265	155	165	175	165	8	
12	170	165	165	155	150	245	130	165	230	290	270	315	290	330	130	160	150	155	160	325	10	10	140	30	8	
13	110	115	160	145	160	160	205	265	290	310	315	300	260	300	290	290	330	275	315	5	85	165	185	145	14	
14	170	160	155	160	155	165	150	285	300	310	40	30	335	265	280	265	285	290	300	305	180	160	170	170	8	
15	170	165	160	160	150	140	140	100	305	35	30	65	85	50	350	315	[VA]	175	25	60	105	135	155	155	8	
16	155	155	150	160	155	150	145	135	345	15	350	325	275	280	260	275	315	340	355	20	90	165	180	170	8	
17	180	170	135	120	165	150	155	150	230	300	300	265	265	316	60	295	320	325	290	225	[VA]	180	130	95	[VA]	
18	240	65	180	300	50	35	150	145	95	330	280	290	280	290	295	290	280	280	255	155	145	165	180	165	13	
19	160	175	195	280	325	105	[VA]	295	315	310	300	295	260	280	220	160	190	170	175	170	165	245	185	140	9	
20	120	175	145	220	135	165	155	155	335	[VA]	245	265	290	340	170	265	260	155	210	170	160	190	150	155	8	
21	145	155	150	150	130	140	130	130	310	300	280	275	280	250	310	265	325	330	315	325	355	180	150	170	7	
22	165	170	155	155	155	150	135	105	5	270	335	[VA]	20	85	125	325	55	40	355	350	65	145	165	160	[VA]	
23	165	155	145	140	130	135	135	60	320	320	[PF]	[PF]	325	[VA]	70	25	340	10	45	70	100	145	160	95	7	
24	125	100	65	90	130	160	125	60	45	20	15	330	305	295	305	315	185	170	175	175	160	210	185	160	9	
25	180	175	175	130	135	175	180	165	220	275	280	60	85	165	95	140	255	270	140	35	95	160	120	160	8	
26	165	130	150	150	140	145	125	135	135	215	250	230	270	280	280	170	165	170	160	155	165	160	190	145	8	
27	175	170	145	170	145	115	150	300	275	260	155	260	295	350	[VA]	305	300	325	325	280	145	160	165	145	8	
28	160	165	160	165	160	140	130	130	[VA]	355	[VA]	245	265	280	310	345	345	355	325	310	200	165	160	145	[VA]	
29	150	165	145	145	145	145	150	95	0	330	285	285	250	[VA]	90	310	330	345	15	55	60	85	65	75	7	
30	355	25	105	240	125	165	175	265	285	350	325	330	285	310	315	295	320	330	300	265	125	80	80	65	[VA]	
31	100	205	280	275	315	95	160	300	320	305	305	315	335	305	325	320	320	275	260	220	210	[VA]	80	85	15	
PV	8	[VA]	8	8	7	[VA]	8	7	15	14	14	14	14	14	14	14	15	9	14	8	8	8	8	8	8	

WIND DIRECTION @ 30M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 24/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	160	160	165	165	155	165	155	115	305	295	290	285	310	290	290	290	290	305	235	155	160	165	150	165	8	
2	175	175	165	165	160	145	115	80	355	320	280	295	280	285	270	105	355	110	150	165	160	170	160	160	8	
3	145	135	125	160	150	135	105	15	290	320	310	300	200	235	205	235	210	215	215	190	165	215	235	240	11	
4	205	185	180	190	190	195	195	190	205	235	250	240	240	230	255	245	290	330	290	210	190	165	170	170	9	
5	180	155	155	160	145	145	165	240	285	315	280	290	305	310	315	335	320	10	350	25	45	270	0	265	15	
6	285	285	260	175	170	195	305	30	50	290	305	300	215	340	125	100	85	[VA]	75	165	165	175	180	140	9	
7	170	165	170	155	155	155	135	120	50	45	[VA]	40	50	55	55	20	340	340	295	300	155	155	160	165	8	
8	165	245	200	165	140	135	155	100	105	150	165	175	200	275	280	195	250	165	165	155	110	175	170	[VA]	9	
9	170	175	185	175	185	160	[VA]	145	[VA]	340	260	280	310	320	315	320	290	305	190	165	170	165	165	165	9	
10	155	155	165	170	170	155	145	130	295	70	325	280	280	225	180	230	205	245	285	195	175	180	170	185	[VA]	
11	170	170	155	165	180	145	60	320	300	310	290	270	290	250	280	285	290	295	290	295	290	310	290	270	14	
12	280	[RF]	160	145	165	165	145	185	345	335	340	[MT]	0	15	20	35	30	355	10	350	170	165	165	175	[VA]	
13	170	170	160	170	155	150	155	130	80	245	[VA]	330	325	300	350	330	220	275	190	190	165	175	160	170	8	
14	165	160	160	140	130	150	125	65	355	315	295	290	305	315	325	205	245	245	215	165	165	165	160	180	8	
15	265	315	355	10	80	80	85	85	65	65	70	70	60	80	80	85	80	80	75	75	75	80	80	90	[VA]	
16	90	70	75	45	140	115	95	75	65	35	40	15	50	320	310	255	310	315	70	15	140	175	165	160	4	
17	160	160	155	150	145	155	155	90	20	350	315	295	330	330	355	285	225	325	335	115	150	165	170	220	8	
18	150	150	160	155	160	155	140	[VA]	345	340	350	335	225	235	235	215	245	260	220	240	275	270	175	160	8	
19	190	150	165	190	175	185	180	145	250	305	320	[VA]	245	190	50	200	180	160	165	170	150	150	150	220	[VA]	
20	0	330	180	200	165	165	190	185	275	220	140	185	185	165	175	160	160	175	115	140	155	170	170	170	8	
21	175	190	160	160	165	130	95	[VA]	160	205	190	185	165	165	170	330	345	240	265	290	230	280	255	155	[VA]	
22	190	140	185	175	170	155	165	190	5	350	300	320	325	150	200	175	215	200	180	155	100	120	175	170	9	
23	165	165	175	180	175	240	180	180	300	330	265	50	330	280	275	[VA]	45	20	60	105	130	160	270	10	9	
24	105	135	[VA]	[VA]	60	130	[VA]	285	270	325	295	275	215	300	170	[VA]	260	115	55	145	165	155	160	170	14	
25	140	165	180	165	170	170	150	120	110	285	340	300	315	240	240	0	25	105	115	165	160	155	155	160	8	
26	165	165	160	165	160	165	150	150	310	275	105	35	345	350	345	260	[VA]	60	320	50	125	170	155	160	8	
27	160	150	165	165	155	165	140	70	335	310	310	275	305	320	280	300	295	280	340	60	150	170	160	145	8	
28	145	135	90	85	135	150	135	85	75	10	320	40	40	275	215	225	220	240	205	185	165	165	200	200	[VA]	
29	160	165	175	175	170	175	160	135	275	315	290	280	245	150	175	295	315	330	310	300	290	280	320	275	15	
30	165	170	175	190	170	165	160	245	60	35	295	280	275	305	300	60	310	165	135	160	165	165	120	135	8	
31	165	140	140	165	165	140	145	0	345	335	310	285	285	195	180	205	250	295	290	240	160	160	155	155	8	
PV	8	8	8	8	8	8	8	7	14	[VA]	14	[VA]	15	14	13	11	15	15	14	8	8	[VA]	9	8	8	

WIND DIRECTION @ 30M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 24/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	135	135	160	160	130	120	155	75	20	330	345	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	7	
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	235	210	200	175	210	205	190	225	205	155	165	165	10	
3	170	170	100	85	90	120	[VA]	50	320	225	195	185	190	225	220	200	205	215	240	240	225	160	160	145	11	
4	165	185	200	165	150	140	85	60	5	10	250	190	205	200	215	215	205	225	230	240	225	170	170	165	10	
5	195	160	160	145	160	160	130	10	345	345	330	[VA]	155	185	165	185	195	190	180	175	160	165	160	170	[VA]	
6	170	150	145	130	95	50	70	[VA]	305	180	195	190	205	210	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	9	
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	235	220	225	195	150	175	165	165	170	170	9	
8	160	150	105	95	145	135	125	355	195	180	200	180	190	180	195	230	205	190	230	245	215	170	170	170	10	
9	165	165	165	160	140	140	115	30	0	280	285	195	190	215	205	200	210	220	220	220	205	165	170	160	10	
10	150	145	140	145	210	170	170	175	185	170	180	180	170	165	190	195	195	190	205	220	275	305	305	310	[VA]	
11	[VA]	175	170	170	175	185	250	290	245	205	205	215	230	295	260	245	250	300	305	290	215	180	175	190	9	
12	235	215	195	165	170	170	170	255	290	270	290	290	285	205	270	265	260	250	275	275	240	240	195	155	13	
13	155	170	225	240	225	170	175	140	25	60	295	280	310	320	330	340	320	295	330	295	115	160	105	80	15	
14	105	145	180	175	160	175	175	245	255	280	285	255	285	300	325	275	285	345	50	35	45	55	310	170	14	
15	160	165	175	170	170	155	155	[VA]	340	130	355	160	335	0	355	325	300	305	295	165	165	165	145	120	8	
16	130	145	330	40	75	65	105	160	240	260	290	235	315	315	325	315	310	295	280	295	305	340	150	185	[VA]	
17	170	155	160	165	165	170	180	0	315	315	0	35	300	330	50	75	315	140	180	180	150	90	160	130	8	
18	155	160	150	165	155	165	155	340	295	280	270	295	305	285	310	310	310	20	60	75	75	80	95	95	15	
19	145	155	170	170	175	170	140	285	315	320	295	265	290	300	295	305	300	325	275	60	110	155	160	150	14	
20	110	100	150	150	165	160	165	[VA]	355	25	50	275	270	180	215	205	220	225	260	190	175	180	230	190	9	
21	155	145	110	165	170	155	115	20	320	300	265	260	255	250	260	250	240	230	205	195	180	175	180	195	9	
22	175	175	190	175	185	165	160	145	155	160	45	60	10	120	245	350	340	290	80	165	165	145	100	115	8	
23	170	165	225	185	160	165	175	265	270	285	270	265	265	270	305	285	295	290	290	295	310	355	80	65	14	
24	175	170	170	170	165	160	160	180	300	290	295	290	265	270	250	280	245	295	305	295	295	280	265	160	13	
25	170	185	170	155	160	155	125	60	300	280	290	240	255	240	260	240	240	265	270	270	260	215	155	[VA]	13	
26	185	175	170	190	265	125	160	15	50	225	40	65	55	355	280	315	300	345	355	340	25	175	170	170	9	
27	165	150	145	155	165	155	130	85	310	325	320	295	300	310	295	265	280	305	325	325	325	165	170	165	15	
28	160	160	205	165	165	180	155	330	285	275	330	305	275	290	330	290	5	330	45	65	170	160	165	155	8	
29	195	165	175	175	170	160	150	95	35	310	320	310	330	265	230	210	305	10	110	135	160	160	165	165	8	
30	165	175	175	65	240	130	75	355	255	240	215	195	180	195	170	195	205	285	275	155	185	165	215	215	[VA]	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	8	8	[VA]	8	8	8	8	1	15	13	14	13	14	14	11	10	15	14	13	[VA]	8	8	[VA]	8	9	

WIND DIRECTION @ 30M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 24/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	225	175	180	180	135	170	195	220	260	200	290	300	165	110	105	120	175	165	210	210	170	170	160	210	9	
2	145	120	80	85	115	150	175	115	280	305	280	295	300	280	275	260	270	250	250	275	305	310	0	110	13	
3	105	95	110	150	170	200	165	315	290	15	330	300	350	315	330	320	315	90	50	35	[VA]	175	165	170	15	
4	165	165	165	160	150	155	155	95	355	325	285	325	325	295	300	295	265	250	270	255	155	160	170	145	8	
5	170	160	160	155	150	150	135	300	305	305	285	305	310	295	295	285	355	25	355	0	90	170	165	180	8	
6	155	165	170	175	175	160	155	[VA]	10	295	270	[VA]	315	340	220	120	130	290	315	295	285	175	170	175	9	
7	180	170	175	135	130	150	150	[VA]	15	310	285	190	165	160	170	140	135	185	180	160	170	165	165	165	8	
8	165	190	[VA]	65	160	160	145	105	330	310	310	290	295	275	240	250	215	290	320	170	170	175	175	180	9	
9	160	190	175	180	170	160	90	95	245	260	290	295	290	315	200	200	205	190	150	155	170	175	195	175	9	
10	165	165	160	[VA]	160	165	165	110	5	310	260	265	290	265	255	170	155	195	310	40	105	125	170	200	8	
11	[VA]	170	160	165	165	155	140	[VA]	300	310	325	270	295	310	320	240	245	220	290	275	165	170	180	175	8	
12	175	170	170	160	160	250	150	175	235	300	280	335	290	340	130	170	160	165	165	320	15	345	140	55	8	
13	115	120	165	150	165	165	215	285	305	315	320	310	285	305	300	300	335	285	320	5	75	170	210	135	15	
14	175	170	155	165	165	165	155	285	310	310	45	40	345	225	290	275	295	330	310	310	210	170	175	180	9	
15	175	170	170	170	160	150	155	120	325	45	40	85	75	105	0	315	[VA]	175	35	65	95	140	170	165	8	
16	160	165	160	170	160	165	155	145	355	15	0	335	280	205	270	290	325	350	5	30	85	175	190	175	8	
17	170	165	120	120	155	145	145	155	215	295	305	295	295	320	50	305	330	330	300	235	[VA]	190	135	100	15	
18	240	70	185	305	50	30	155	155	105	340	290	300	290	300	300	295	290	290	265	160	150	180	180	175	14	
19	165	180	200	290	330	100	70	305	330	[VA]	315	300	265	295	235	165	195	175	180	175	170	250	205	145	9	
20	125	165	155	230	145	170	165	165	355	10	300	280	295	345	140	280	270	175	220	180	170	190	155	165	8	
21	160	165	160	160	140	155	145	165	320	305	290	280	290	260	315	275	335	335	325	330	0	185	145	175	8	
22	175	180	165	165	160	160	150	115	340	305	355	[VA]	40	100	120	335	60	45	0	355	55	130	170	170	8	
23	175	170	160	155	145	150	150	65	320	325	[PF]	[PF]	335	295	80	30	350	20	50	75	105	150	165	110	8	
24	150	115	75	90	120	170	140	30	65	20	10	340	315	305	310	325	195	175	180	160	170	220	195	165	9	
25	185	160	185	145	160	175	190	160	225	280	290	65	95	175	100	145	260	275	135	35	100	165	125	170	9	
26	175	150	160	160	160	165	135	150	150	[VA]	255	240	280	290	285	175	170	175	165	160	170	165	125	170	8	
27	180	175	155	175	155	130	160	310	285	265	[VA]	270	285	355	330	335	310	335	335	290	170	165	170	160	8	
28	170	175	170	170	170	150	145	140	40	5	[VA]	[VA]	270	290	320	350	350	0	330	320	220	170	170	180	9	
29	160	175	155	160	155	155	160	105	10	340	300	275	[VA]	[VA]	95	320	335	350	25	60	85	90	90	80	[VA]	
30	0	35	110	250	115	185	185	275	295	0	335	335	295	320	330	305	325	340	310	275	150	90	85	90	[VA]	
31	105	[VA]	290	280	320	95	165	295	325	315	315	325	345	310	335	320	325	285	270	225	215	[VA]	80	90	[VA]	
PV	8	[VA]	9	8	8	8	8	6	15	14	14	14	14	14	14	14	16	9	15	9	9	8	8	8	8	

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	4	3	2	1	1	0	1	4	7	10	12	14	15	17	17	18	19	19	19	16	12	11	10	9	10	19
2	8	8	6	5	3	3	4	7	11	14	17	18	19	20	21	21	21	21	20	18	14	13	11	10	13	21
3	7	6	6	5	4	4	4	7	9	13	15	18	20	24	23	23	22	22	22	20	18	19	18	17	14	24
4	17	16	15	15	15	14	15	16	18	19	20	20	21	21	21	21	21	18	18	17	15	14	13	12	17	21
5	11	10	9	8	7	5	6	10	13	15	17	18	19	20	20	20	19	19	17	16	15	15	14	12	14	20
6	11	9	8	8	8	8	8	8	10	11	12	10	8	8	10	12	12	12	12	11	9	9	9	9	10	12
7	9	9	8	8	8	8	9	9	10	11	12	12	13	14	15	16	16	16	14	11	10	9	8	8	11	16
8	8	8	8	7	7	7	7	7	7	8	9	10	12	13	14	12	10	10	10	10	10	10	9	9	9	14
9	9	9	9	9	8	8	8	9	11	13	14	15	17	18	19	19	19	19	16	13	12	11	11	10	13	19
10	9	8	7	7	6	6	7	9	11	13	15	17	19	19	19	20	20	20	20	19	16	14	14	13	14	20
11	11	10	11	10	11	10	11	14	16	18	20	21	17	19	21	21	21	20	19	17	16	14	12	11	15	21
12	9	7	5	3	3	3	5	8	11	12	13	13	14	16	17	18	18	19	18	17	15	11	10	9	11	19
13	9	8	6	5	4	4	6	10	14	16	18	19	20	21	22	23	23	23	23	22	18	16	15	13	15	23
14	12	11	10	9	9	8	9	13	17	20	22	25	27	28	28	29	29	29	28	25	22	21	22	23	20	29
15	22	19	16	15	13	11	10	11	12	13	14	15	15	15	15	15	15	14	13	11	10	10	9	8	13	22
16	7	7	6	6	5	5	6	7	9	10	12	13	15	16	17	18	18	19	18	17	14	11	10	9	11	19
17	8	7	6	6	5	5	6	10	13	16	19	22	24	25	26	26	26	26	26	24	21	20	18	16	17	26
18	15	14	12	11	10	9	11	15	19	22	24	25	26	27	27	27	27	26	26	25	23	22	21	19	20	27
19	19	18	18	18	18	15	15	18	21	21	22	22	21	20	19	20	19	19	20	19	18	17	16	16	19	22
20	15	15	14	14	14	13	14	15	16	17	19	20	16	16	18	20	19	19	18	18	16	15	14	14	16	20
21	14	13	12	12	11	11	12	14	16	17	16	15	13	12	12	14	14	14	12	12	12	11	10	10	13	17
22	10	10	10	9	8	8	9	10	11	13	15	16	13	12	13	14	14	13	12	11	11	10	10	10	11	16
23	9	9	9	9	9	9	9	10	11	13	15	16	18	19	20	20	21	20	19	18	17	15	15	14	14	21
24	13	13	12	12	12	12	12	13	15	16	18	18	19	20	20	20	17	15	15	14	12	11	11	10	15	20
25	10	9	7	6	6	6	7	9	12	15	17	19	19	18	19	13	14	16	16	15	13	12	11	10	12	19
26	10	8	7	7	6	6	7	10	13	15	16	18	19	20	20	21	21	21	21	20	17	14	12	12	14	21
27	11	10	9	8	7	7	9	12	15	18	20	22	24	25	25	26	26	26	25	24	20	17	15	14	17	26
28	14	14	13	12	9	9	12	14	18	22	23	21	24	26	27	28	28	27	26	25	22	20	19	17	20	28
29	16	14	13	13	11	12	12	14	18	20	21	22	23	23	24	20	20	20	20	19	17	16	15	14	17	24
30	12	10	10	9	8	7	9	12	14	16	17	18	20	15	21	21	18	16	14	14	13	12	11	10	14	21
31	9	8	8	7	6	6	7	11	14	17	19	22	23	23	24	25	25	25	24	23	19	17	15	14	16	25
AV	11	10	9	9	8	8	9	11	13	15	17	18	18	19	20	20	20	19	19	17	15	14	13	12	14	[ ]
SD	4	4	3	4	4	3	3	3	3	4	4	4	4	5	4	4	5	5	5	5	4	4	4	3	3	[ ]

OUTPT [VERSION N 28 JUL 76]

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	14	13	11	9	9	9	11	15	19	22	24	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	14	24
2	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	26	28	29	29	29	28	28	27	24	21	19	17	25	29
3	17	17	16	15	13	12	14	18	21	25	26	26	26	26	26	28	28	28	27	26	24	20	19	19	22	28
4	17	15	15	13	11	10	12	16	20	23	25	26	27	27	28	28	28	28	27	26	24	20	19	16	21	28
5	16	14	12	11	10	9	11	16	19	22	25	27	28	28	29	29	29	29	28	26	23	20	18	17	21	29
6	16	14	14	13	12	12	13	17	21	25	26	27	27	28	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	19	28
7	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	24	28	27	27	26	25	23	22	21	20	25	28
8	17	16	16	14	14	13	15	19	25	26	27	27	28	27	26	28	29	28	28	27	25	23	22	20	23	29
9	18	17	16	14	13	12	14	18	22	24	25	27	27	28	29	29	29	28	28	26	24	21	20	17	22	29
10	16	15	14	13	15	15	20	23	24	25	25	26	27	28	28	29	29	28	27	26	21	17	16	15	22	29
11	13	12	11	10	10	11	12	14	15	16	17	17	17	17	18	18	18	14	14	13	11	11	10	10	14	18
12	11	10	9	8	7	7	9	12	13	15	16	17	18	19	20	20	20	20	20	19	19	18	17	16	15	20
13	15	14	14	14	13	12	14	15	17	18	19	18	18	18	18	16	15	13	8	7	5	4	3	2	13	19
14	2	2	2	1	1	2	3	6	7	9	10	12	13	14	15	15	16	16	15	13	12	11	10	8	9	16
15	7	5	5	5	4	3	5	9	11	13	14	16	18	19	21	22	22	23	22	21	19	17	17	16	14	23
16	16	17	17	15	14	13	13	16	18	19	19	20	20	21	22	13	21	19	19	19	17	13	11	4	17	22
17	3	10	9	8	8	9	9	11	12	14	15	17	18	16	18	17	15	15	14	14	13	12	11	10	12	13
18	9	7	7	6	5	5	7	10	12	14	16	18	20	21	22	23	23	23	22	20	18	17	16	15	15	23
19	13	11	10	8	8	7	9	12	15	17	19	22	24	25	26	27	28	28	28	27	24	22	20	17	19	28
20	16	14	13	12	11	10	13	17	21	24	27	31	32	32	32	32	32	32	31	30	28	27	26	24	24	32
21	21	21	20	19	16	15	17	21	24	26	29	30	31	31	32	32	32	32	31	30	28	26	26	25	26	32
22	24	23	24	23	20	15	14	14	14	16	18	12	14	17	19	18	19	14	13	13	12	12	12	11	16	24
23	10	10	10	10	10	9	11	13	14	15	17	18	19	20	25	21	21	21	19	17	16	15	13	11	15	25
24	9	8	7	6	6	5	8	11	13	15	16	18	19	20	21	22	23	24	23	22	20	19	18	16	15	24
25	14	12	11	9	8	8	10	14	17	21	23	25	25	26	27	27	27	27	28	27	26	24	20	20	20	28
26	19	18	17	15	14	13	15	17	18	19	20	22	23	24	26	26	27	27	27	26	24	20	18	17	20	27
27	15	14	13	11	10	10	11	15	18	21	24	26	29	31	31	32	32	32	32	30	28	24	21	19	22	32
28	17	16	16	14	13	12	14	17	20	23	27	29	30	32	32	33	33	33	32	31	27	24	22	20	24	33
29	19	17	15	14	13	12	14	18	22	25	27	30	32	33	33	33	33	34	33	30	29	28	27	25	25	34
30	24	24	24	23	22	20	20	25	27	28	29	30	30	29	30	30	27	24	23	22	21	21	21	21	25	30
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	15	14	13	12	11	10	12	15	18	20	22	23	24	24	25	25	25	25	24	23	21	19	18	16	19	( )
SD	5	5	5	5	4	4	4	4	5	5	5	6	5	5	5	6	5	6	6	6	6	5	5	6	5	( )

OUTPT (VERSION N 28 JUL 76)

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	21	21	20	19	19	20	20	21	24	25	27	26	26	27	28	29	30	30	29	28	25	23	22	21	24	30
2	19	21	21	20	19	17	17	18	20	22	24	27	28	29	31	31	31	30	30	29	27	26	24	21	24	31
3	20	20	18	16	14	14	15	17	19	22	25	27	29	30	31	31	31	32	31	30	27	24	21	20	24	32
4	16	17	16	14	14	13	14	18	22	25	27	30	32	33	33	34	34	34	33	32	27	25	23	21	25	34
5	20	17	16	15	14	14	15	19	22	25	28	30	33	33	34	34	34	34	34	32	29	26	24	23	25	34
6	23	21	20	19	18	17	18	20	24	26	29	31	32	33	34	34	34	33	32	31	29	27	25	23	26	34
7	22	21	21	21	20	19	20	23	27	29	31	31	32	32	30	31	32	31	30	29	28	28	27	25	27	32
8	25	24	23	20	18	17	19	22	25	28	30	32	33	34	34	34	35	34	34	32	30	28	27	25	28	35
9	25	24	24	24	22	21	22	25	30	31	32	33	34	35	35	35	36	35	35	34	31	29	29	29	30	36
10	28	27	26	24	22	20	21	24	27	30	32	33	35	36	36	35	34	34	33	32	31	29	27	26	29	36
11	24	21	19	19	18	18	19	22	25	27	30	31	33	34	34	33	33	33	31	30	28	26	25	24	27	34
12	23	24	25	24	24	24	23	26	28	28	28	30	29	28	26	25	25	27	26	26	26	24	23	22	26	30
13	23	22	20	18	16	15	17	19	21	24	26	28	29	30	31	31	31	31	30	30	27	25	24	22	25	31
14	22	20	18	17	15	15	17	19	23	26	28	30	31	31	30	29	30	30	29	28	26	23	23	21	24	31
15	19	18	17	16	15	14	15	19	22	25	27	29	30	31	32	32	32	32	31	31	28	24	22	21	24	32
16	20	19	17	16	15	14	14	16	19	25	28	31	32	33	34	34	34	34	33	32	30	27	27	27	25	34
17	26	25	24	23	21	20	21	24	27	29	31	31	31	30	31	32	29	28	24	20	19	18	17	17	25	32
18	17	17	17	16	16	16	16	17	19	20	21	20	21	23	23	23	21	20	20	20	19	19	19	18	19	23
19	18	18	18	17	17	16	16	18	19	21	23	24	26	27	26	26	27	27	24	21	20	21	17	16	21	27
20	17	16	14	14	13	13	15	17	18	20	22	24	25	27	28	26	23	23	24	23	21	19	17	16	20	28
21	15	15	14	13	13	12	13	17	20	23	25	26	28	29	30	30	30	30	29	28	27	24	22	20	22	30
22	19	17	16	15	14	14	15	18	21	24	27	29	30	31	32	32	31	31	31	30	28	24	23	21	24	32
23	20	18	17	16	16	15	16	19	22	26	[PF]	[PF]	31	33	33	34	34	33	33	32	30	28	26	26	25	34
24	26	24	22	20	17	17	18	22	25	27	29	30	31	31	32	32	32	31	31	30	28	27	27	25	26	32
25	24	23	22	21	22	22	21	24	26	26	27	28	28	27	25	22	20	19	19	19	19	19	18	18	22	28
26	17	17	16	15	15	15	16	16	17	19	21	24	25	27	28	26	27	27	27	27	24	23	22	22	21	28
27	22	20	19	18	16	16	16	20	22	25	28	29	30	31	31	31	32	31	30	29	27	23	22	20	25	32
28	19	19	18	17	16	15	16	19	23	26	29	31	32	33	32	31	31	31	30	29	28	25	23	22	25	33
29	22	22	20	19	18	18	18	21	24	27	29	31	32	29	31	31	31	31	30	29	28	27	27	26	26	32
30	25	24	23	22	20	19	20	22	23	25	26	29	30	30	31	31	32	32	29	26	25	24	22	21	25	32
31	21	20	20	19	18	17	18	19	21	23	24	26	28	29	30	30	30	27	24	25	22	19	17	17	23	30
AV	21	20	19	18	17	17	17	20	23	25	27	29	30	31	31	31	31	30	29	28	26	24	23	22	25	[ ]
SD	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	2	[ ]

OUTPT [VERSION N 28 JUL 76]

DELTA T (30M-10M)
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.0	-.1	.2	.3	.3	.1	-.3	-.4	-.4	-.4	-.4	-.3	-.4	-.7	-.4	-.5	-.4	-.4	-.4	.4	.5	.3	.0	.6	-.1	.6
2	1.0	.3	.2	.2	.4	.0	.0	-.5	-.4	-.2	-.2	-.4	-.3	-.3	-.4	-.4	-.4	-.4	-.4	.9	.8	.1	.2	-.1	.0	1.0
3	.1	.3	.4	.4	.2	-.1	.1	-.4	-.3	-.3	-.5	-.5	-.5	-.4	-.5	-.5	-.5	-.5	-.4	-.1	-.1	-.3	-.3	-.3	-.2	.4
4	-.3	-.3	-.3	-.2	.0	-.3	-.5	-.5	-.6	-.5	-.6	-.5	-.6	-.6	-.5	-.5	-.5	-.5	-.5	-.3	.3	-.2	-.2	-.2	-.4	.3
5	-.1	.1	.0	.2	.4	.4	.0	-.4	-.4	-.3	-.3	-.5	-.6	-.6	-.7	-.5	-.5	-.5	-.5	-.3	-.2	-.3	-.3	-.4	-.3	.4
6	-.5	-.5	-.5	-.4	-.5	-.5	-.5	-.6	-.6	-.6	-.5	-.5	-.5	-.5	-.6	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.5	-.4
7	-.2	-.4	-.4	-.3	-.4	-.4	-.4	-.5	-.6	-.4	-.6	-.1	-.1	-.2	-.3	-.2	-.3	-.3	-.2	.0	.0	.1	.2	.2	-.2	.2
8	.0	.1	-.2	-.3	-.2	-.2	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.3	-.3	-.3	.1
9	-.2	-.2	-.3	-.1	-.2	.0	-.1	-.4	-.2	-.3	-.2	-.2	-.2	-.3	-.2	-.4	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.2	-.2	.0
10	.0	.0	.1	-.1	-.1	.0	-.3	-.4	-.3	-.2	-.2	-.2	-.3	-.3	-.4	-.4	-.4	-.3	-.3	.2	.3	.1	.0	.1	-.1	.3
11	.5	.2	.0	.8	.5	.4	-.2	-.2	-.2	-.3	-.3	-.4	-.1	-.1	-.2	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.1	.1	-.1	.8
12	.4	.6	.5	.8	.6	.1	.3	.0	-.2	-.3	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.3	-.2	.0	.7	.8	.6	.4	.1	.8
13	.1	.0	.3	.2	.2	.0	-.2	-.3	-.3	-.2	-.3	-.3	-.3	-.2	-.3	-.2	-.2	-.2	-.2	.4	.5	.2	.2	.5	.0	.5
14	.3	.4	.5	.1	.2	.4	.3	-.3	-.3	-.1	-.1	-.2	-.3	-.2	-.2	-.3	-.3	-.3	-.2	.2	.2	.2	.1	-.1	.0	.5
15	.0	.0	.0	.1	-.2	-.3	-.4	-.4	-.5	-.5	-.6	-.5	-.4	-.6	-.6	-.6	-.6	-.4	-.3	-.3	-.4	-.3	-.3	-.4	-.4	.1
16	-.3	-.3	-.3	-.2	-.1	-.1	-.3	-.4	-.5	-.4	-.3	-.4	-.4	-.2	-.4	-.3	-.3	-.2	-.2	-.1	1.4	.7	.3	.5	-.1	1.4
17	.2	.2	.5	.3	.2	.2	-.1	-.3	-.3	-.2	-.1	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.2	.2	.5	.2	.1	1.0	.0	1.0
18	.2	.5	1.2	.9	.6	1.4	.8	-.3	-.2	-.2	-.3	-.3	-.2	-.4	-.4	-.4	-.3	-.3	-.3	-.2	-.2	-.1	.1	.2	.1	1.4
19	.0	.4	.1	-.1	.3	.9	.6	-.2	-.3	-.2	-.3	-.2	-.3	-.2	-.3	-.2	-.1	-.2	-.1	-.1	-.2	-.2	.0	-.2	.0	.9
20	-.1	.1	.1	-.1	-.1	-.3	-.3	-.4	-.4	-.4	-.4	-.5	-.2	-.5	-.7	-.6	-.5	-.5	-.4	-.2	.0	-.1	-.3	-.2	-.3	.1
21	-.4	.0	-.2	-.2	-.2	.0	-.2	-.5	-.5	-.5	-.6	-.5	-.6	-.5	-.6	-.6	-.5	-.5	-.4	-.4	-.3	-.5	-.5	-.4	-.4	.0
22	-.4	-.3	-.2	.0	.0	.1	-.3	-.5	-.4	-.5	-.4	-.4	.1	-.1	-.1	-.2	-.3	-.3	-.3	-.2	.0	.1	-.1	-.3	-.2	.1
23	-.2	-.1	.1	-.2	-.2	-.3	-.3	-.4	-.4	-.2	-.2	-.3	-.3	-.3	-.3	-.4	-.5	-.4	-.4	-.3	-.3	.1	-.2	-.2	-.3	.1
24	-.3	-.2	-.3	-.2	-.4	-.3	-.5	-.5	-.4	-.4	-.4	-.4	-.5	-.6	-.6	-.6	-.1	.2	.2	.4	.3	.2	.3	.2	-.2	.4
25	.3	.3	.3	.9	.4	.1	.2	-.2	-.1	-.1	.0	.0	-.3	-.3	-.3	-.2	-.2	-.3	-.2	-.1	.0	.3	.1	.1	.0	.9
26	.3	.4	.4	.2	.3	.2	-.2	-.2	-.1	-.2	-.3	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.4	-.1	.8	.7	-.1	-.1	.0	.8
27	.1	.1	-.1	.3	.4	.2	-.3	-.4	-.3	-.5	-.4	-.3	-.5	-.6	-.4	-.5	-.5	-.4	-.4	-.1	.9	.5	.1	-.1	-.1	.9
28	-.2	-.4	.3	.4	2.1	1.4	.1	-.4	-.5	-.6	-.5	.0	-.4	-.4	-.5	-.6	-.6	-.5	-.4	-.3	-.1	-.1	-.2	.5	-.1	2.1
29	.5	1.1	.3	.0	.4	-.1	-.2	-.6	-.5	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.3	-.5	-.5	-.2	-.2	1.1
30	.4	.1	-.2	.0	.0	.0	-.5	-.6	-.6	-.5	-.5	-.4	-.5	-.5	-.5	-.5	-.1	-.1	.0	-.1	.0	.4	.4	.4	-.2	.4
31	.4	.2	.3	.7	.9	.9	.1	-.1	-.2	-.1	-.1	-.2	-.3	-.3	-.2	-.2	-.2	-.3	-.2	.4	1.1	.8	.6	.5	.2	1.1
AV	.1	.1	.1	.1	.2	.1	-.1	-.4	-.4	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.1	.2	.1	.0	.0	-.1	[ ]
SD	.3	.3	.3	.4	.5	.5	.3	.1	.1	.1	.2	.1	.2	.2	.2	.1	.1	.1	.2	.3	.5	.4	.3	.4	.2	[ ]

OUTPT (VERSION N 28 JUL 76)

DELTA T (30M-10M)
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.2	.9	1.1	1.2	1.1	1.4	.6	-.2	-.2	-.2	.3	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.6	1.4
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	-.5	-.4	-.5	-.5	-.5	-.4	-.3	-.2	.1	.2	.5	1.0	-.1	1.0
3	.8	.2	.2	1.3	.8	1.2	.5	-.4	-.2	-.4	-.5	-.6	-.5	-.5	-.5	-.6	-.5	-.4	-.4	-.3	.0	.4	-.1	-.3	.0	1.3
4	.9	.4	.3	.4	1.5	2.4	.7	-.4	-.3	-.3	-.5	-.6	-.6	-.6	-.5	-.6	-.5	-.5	-.4	-.3	.0	.1	-.1	.8	.1	2.4
5	.5	.0	.1	.4	.7	1.0	.1	-.4	-.5	-.4	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.5	-.4	-.2	.1	.0	.2	.4	-.1	1.0
6	.6	.1	-.2	.2	.9	.9	.1	-.5	-.4	-.5	-.6	-.6	-.7	-.6	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	-.1	.9
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	-.4	-.5	-.5	-.5	-.4	-.3	-.2	-.2	-.3	.1	-.3	.1
8	.5	.0	.8	1.0	.9	.9	.1	-.4	-.5	-.5	-.6	-.7	-.7	-.7	-.7	-.7	-.6	-.6	-.6	-.5	-.3	-.1	-.1	-.4	-.2	1.0
9	.2	.1	.2	.7	.1	.5	.2	-.6	-.5	-.5	-.6	-.8	-.8	-.6	-.6	-.7	-.6	-.5	-.5	-.4	.1	.2	.0	.5	-.2	.7
10	-.1	-.2	-.2	.4	.9	1.5	-.3	-.6	-.6	-.7	-.6	-.7	-.7	-.7	-.7	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.3	1.5
11	-.1	-.1	.0	-.2	-.2	-.3	-.5	-.5	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.6	-.6	-.5	-.5	-.6	-.5	-.5	-.5	-.4	-.5	.0
12	-.4	-.5	.0	-.1	-.1	-.2	-.5	-.5	-.4	-.5	-.5	-.6	-.5	-.6	-.6	-.7	-.5	-.5	-.6	-.5	-.5	-.5	-.3	-.2	-.4	.0
13	-.2	-.4	-.3	-.2	.3	-.3	-.5	-.5	-.6	-.6	-.6	-.6	-.7	-.7	-.6	-.6	-.6	-.6	-.5	-.6	-.6	-.6	-.6	-.6	-.5	.3
14	-.6	-.4	-.3	-.4	-.5	-.5	-.5	-.6	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.6	-.5	-.4	-.3	.0	.0	-.5	.0
15	.1	.1	-.2	-.2	-.2	.2	-.4	-.5	-.4	-.4	-.4	-.6	-.8	-.8	-.7	-.6	-.6	-.4	-.4	-.5	-.4	-.3	-.4	-.3	-.4	.2
16	-.3	-.4	-.1	.4	.2	.0	.8	.5	-.1	-.5	-.5	-.6	-.8	-.7	-.7	-.7	-.6	-.6	-.5	-.5	-.5	-.3	-.4	-.6	-.3	.8
17	-.5	-.3	-.2	.1	-.2	-.1	-.3	-.5	-.5	-.3	-.5	-.6	-.6	-.5	-.6	-.6	-.5	-.5	-.6	-.6	-.4	-.3	-.5	-.3	-.4	.1
18	-.1	.2	.0	.0	.2	.1	-.5	-.4	-.5	-.5	-.5	-.7	-.7	-.7	-.7	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.3	-.4	.2
19	.5	.2	-.1	.2	-.1	.2	-.6	-.6	-.6	-.5	-.6	-.7	-.7	-.6	-.5	-.7	-.6	-.6	-.5	-.3	.0	.4	.8	1.7	-.2	1.7
20	1.6	2.2	2.0	1.0	.9	1.2	.3	-.6	-.6	-.6	-.6	-.7	-.7	-.8	-.7	-.8	-.7	-.6	-.6	-.5	-.5	-.5	-.3	-.1	.0	2.2
21	-.1	-.1	.1	.6	1.2	2.1	.8	-.3	-.5	-.6	-.7	-.7	-.8	-.6	-.8	-.8	-.7	-.7	-.6	-.5	-.4	-.4	-.6	-.6	-.2	2.1
22	-.5	-.5	-.6	-.7	-.6	-.5	-.3	-.1	.0	-.1	-.1	.1	.0	-.2	-.3	-.4	-.3	.0	.0	.0	-.1	.0	-.2	.1	-.2	.1
23	.3	.1	-.1	-.1	.0	-.1	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.5	-.5	-.5	-.4	-.4	-.4	-.4	-.2	.2	1.2	-.2	1.2
24	.6	.3	.3	.2	.5	.2	-.4	-.4	-.4	-.3	-.4	-.5	-.4	-.4	-.5	-.3	-.4	-.5	-.4	-.4	-.3	-.2	-.2	-.1	-.2	.6
25	-.1	.1	.7	1.1	1.6	1.4	-.3	-.4	-.3	-.3	-.6	-.5	-.5	-.6	-.5	-.5	-.5	-.5	-.4	-.3	-.3	.0	-.1	.1	-.1	1.6
26	.9	.8	.8	1.4	1.4	1.5	.4	-.4	-.5	-.4	-.5	-.6	-.6	-.6	-.5	-.5	-.5	-.4	-.4	-.3	.1	1.1	.4	-.1	.1	1.5
27	.1	.2	.2	.4	.4	.4	-.2	-.3	-.4	-.2	-.3	-.3	-.5	-.7	-.4	-.6	-.5	-.4	-.5	-.3	.1	1.4	.3	.1	-.1	1.4
28	.5	.2	.3	1.4	.4	.4	.1	-.3	-.4	-.4	-.4	-.5	-.4	-.5	-.4	-.6	-.5	-.4	-.4	.0	.3	1.0	.2	.7	.0	1.4
29	.7	1.1	1.6	1.1	1.4	.5	-.1	-.5	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.5	-.4	-.5	-.4	-.4	-.4	-.4	-.1	1.6
30	-.4	-.4	-.2	-.3	.4	1.4	.4	-.4	-.5	-.5	-.5	-.5	-.7	-.6	-.6	-.7	-.6	-.6	-.2	-.1	.1	.0	.3	.5	-.2	1.4
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	.2	.1	.2	.4	.5	.7	.0	-.4	-.4	-.4	-.5	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.4	-.4	-.2	.0	-.1	.1	-.2	[ ]
SD	.5	.6	.6	.6	.6	.8	.4	.2	.2	.1	.2	.2	.2	.1	.1	.1	.1	.1	.1	.2	.3	.5	.4	.6	.2	[ ]

OUTPT [VERSION N 28 JUL 76]

DELTA T (30M-10M)
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.1	-.3	.0	.0	.0	-.1	-.3	-.2	-.4	-.4	-.4	-.5	.0	.1	.1	.0	-.1	.0	.0	.2	.3	.6	.5	1.5	.0	1.5
2	1.7	.4	.2	.2	.3	.9	.3	.1	.0	.3	.2	.0	-.1	.0	-.2	-.2	-.2	-.1	.0	.2	.8	.3	.9	1.4	.3	1.7
3	.7	.2	.6	1.1	.4	.8	.2	.1	.1	.2	-.1	.0	-.1	.0	-.1	-.2	-.1	-.1	.0	.2	1.1	1.1	.9	1.0	.3	1.1
4	1.1	1.0	1.1	.8	.7	1.1	.5	.1	.1	.2	.1	-.1	-.2	-.1	.0	-.1	-.2	-.1	-.1	.2	1.4	1.2	1.0	1.0	.4	1.4
5	.9	1.1	.7	.7	1.1	.9	.2	.1	.0	.1	-.1	.0	-.2	-.1	-.1	-.3	-.1	-.1	-.1	.1	1.1	1.1	.6	.5	.3	1.1
6	.9	.9	.8	.2	.7	.9	.2	.0	.0	-.1	.0	.0	-.1	-.1	-.2	-.2	-.2	-.2	-.1	.0	.2	.4	1.0	.4	.2	1.0
7	1.1	1.3	.8	.4	.9	1.2	.7	.0	-.1	.0	.0	-.2	-.3	-.2	-.1	-.1	-.2	-.1	-.1	.0	-.1	.1	.0	.0	.2	1.3
8	.0	.4	.6	1.6	2.2	2.1	.7	.0	.1	-.1	.0	-.1	-.2	-.2	-.1	-.2	-.3	-.1	-.1	.0	.1	.0	.1	.4	.3	2.2
9	1.3	1.5	.4	.6	1.4	1.2	.5	.1	.0	.0	-.1	-.1	-.1	-.3	-.2	-.2	-.2	-.1	-.1	.1	.3	.1	.2	.3	.3	1.5
10	.3	.3	.4	.8	1.3	1.4	.5	.1	.0	.1	.1	.0	-.1	-.1	-.1	-.2	-.2	-.1	-.1	.1	.1	.1	.2	.2	.2	1.4
11	1.2	1.7	1.8	.7	.6	.6	.2	.0	.1	.1	.0	.0	.0	-.1	-.1	-.4	-.5	-.4	-.4	-.3	-.1	.0	.0	.0	.2	1.8
12	-.3	-.2	-.2	-.3	-.3	.1	.1	-.4	-.4	-.5	-.4	-.3	-.4	-.7	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.2	-.1	.2	-.3	.2
13	-.4	-.2	.1	.6	-.5	.2	-.4	-.4	-.3	-.4	-.6	-.5	-.4	-.6	-.5	-.6	-.6	-.5	-.5	-.4	.2	.4	.3	.9	-.2	.9
14	.1	.3	.9	.7	.5	.2	-.4	-.4	-.3	-.4	-.5	-.7	-.5	-.6	-.6	-.6	-.6	-.6	-.5	-.4	.4	.9	-.2	.3	-.1	.9
15	.1	.0	-.1	-.2	.3	.0	-.5	-.5	-.5	-.6	-.6	-.5	-.8	-.5	-.6	-.4	-.6	-.5	-.4	-.4	.3	1.6	.4	.0	-.2	1.6
16	-.2	-.1	.6	.8	1.0	1.0	.2	-.4	-.5	-.6	-.4	-.6	-.7	-.5	-.5	-.6	-.6	-.6	-.4	-.2	.3	.0	-.2	-.4	-.2	1.0
17	-.2	.0	.0	.5	1.2	.8	.0	-.5	-.5	-.5	-.7	-.6	-.5	-.4	-.5	-.5	-.5	-.6	-.4	-.3	.0	-.3	-.3	-.4	-.2	1.2
18	-.4	-.4	-.4	-.3	-.2	.0	-.3	-.6	-.5	-.4	-.4	-.3	.0	-.1	-.2	-.1	-.2	-.5	-.5	-.5	-.5	-.5	-.4	-.2	-.3	.0
19	-.2	-.3	-.3	-.3	-.4	-.1	-.3	-.5	-.4	-.4	-.5	-.4	-.4	-.4	-.6	-.6	-.6	-.6	-.2	.0	.0	.0	.2	-.1	-.3	.2
20	-.1	-.1	.1	.0	.3	.0	-.2	-.3	-.3	-.3	-.1	-.1	-.3	-.5	-.4	-.2	.2	.1	.1	.2	.4	.6	.7	.8	.0	.8
21	.8	.9	.8	.7	.6	.7	.3	.1	.2	.2	.1	.1	.1	.0	.1	.0	-.2	.0	.0	.2	.5	.7	1.1	.4	.4	1.1
22	.5	1.0	1.0	1.1	.7	.7	.3	.2	.1	.2	.1	-.1	.0	-.1	-.1	-.1	-.1	.0	.0	.2	.5	2.3	.8	.9	.4	2.3
23	.7	1.4	1.3	.8	.6	.7	.5	.1	.2	.0	[PF]	[PF]	.1	-.2	-.1	-.2	-.2	.0	.0	.2	.9	.5	.1	.1	.3	1.4
24	.2	.5	1.4	1.8	2.2	1.6	.5	.1	.0	.0	-.1	-.2	.0	-.1	.0	-.1	-.1	-.1	.0	.1	.3	.1	.2	.3	.4	2.2
25	.2	.2	.7	.5	.2	.2	.5	.0	.0	.0	.0	-.1	-.1	-.2	-.1	.0	.0	.0	.1	.2	.2	.5	.4	.4	.2	.7
26	.5	.6	.7	.5	.7	.4	.3	.2	.2	.3	.2	.2	.0	-.1	-.2	-.2	-.1	-.1	.0	.1	.1	.1	.2	.2	.2	.7
27	.1	.1	.3	.7	.8	1.0	.6	.1	.1	.1	.0	.1	-.2	-.1	-.2	.0	-.1	-.2	-.1	.1	1.1	1.3	.2	.9	.3	1.3
28	.6	.3	.8	.3	.9	.5	.2	.0	.0	.0	.0	-.1	-.2	-.3	-.4	-.4	-.2	-.1	-.1	.0	.3	.4	.3	.5	.1	.9
29	.4	.3	.5	.4	.4	.4	.2	-.1	.1	.1	.0	.0	-.1	.0	-.2	-.4	-.4	-.1	-.1	.1	.2	.3	.0	-.1	.1	.5
30	.0	.1	.3	.1	.8	.9	.2	.0	.0	-.1	-.1	-.2	-.2	-.2	-.1	-.3	-.2	-.3	.0	.4	.2	.1	.0	.0	.1	.9
31	.1	.1	.1	.0	.1	.2	.0	.0	.0	-.1	-.2	-.1	-.2	-.1	.0	-.2	-.2	-.1	-.1	-.1	.0	.0	.2	.3	.0	.3
AV	.4	.4	.5	.5	.7	.7	.2	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.1	.0	.3	.4	.3	.4	.1	[ ]
SD	.5	.6	.5	.5	.6	.5	.3	.2	.2	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.4	.6	.4	.5	.2	[ ]

OUTPT [VERSION N 28 JUL 76]

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	4	4	3	2	3	3	5	25	14	15	28	19	14	17	14	14	24	10	9	4	5	9	7	5	11	28
2	4	4	4	4	3	5	6	17	29	23	18	22	16	19	16	21	23	24	8	5	4	5	4	4	12	29
3	3	4	4	4	4	5	8	10	13	16	21	20	13	17	11	9	20	13	8	5	3	6	9	7	10	21
4	9	7	6	6	6	7	7	6	8	8	7	8	10	11	11	9	6	7	8	6	4	5	4	4	7	11
5	4	5	4	4	5	3	4	9	11	16	15	15	11	8	11	10	8	7	7	6	4	6	6	6	8	16
6	5	5	7	6	5	7	7	7	9	9	7	5	7	8	13	7	6	5	7	5	8	8	7	6	7	13
7	4	3	4	4	4	6	3	5	6	9	8	8	8	8	10	10	10	10	8	8	4	4	4	4	6	10
8	7	9	7	6	5	5	4	5	5	6	7	8	12	15	15	10	10	9	6	7	6	7	6	5	8	15
9	11	6	5	7	8	6	10	10	13	15	12	13	15	15	15	12	9	6	7	6	5	6	6	5	9	15
10	5	4	3	4	5	4	6	11	12	12	15	18	17	15	8	12	12	10	7	4	4	6	4	8	9	18
11	7	4	6	6	4	7	7	6	8	11	10	7	8	11	9	7	5	5	5	5	5	7	5	4	7	11
12	5	4	4	5	4	4	5	8	10	11	8	8	8	10	10	10	12	8	6	5	4	5	4	6	7	12
13	5	6	4	4	3	4	5	9	15	14	15	15	15	13	14	15	16	12	7	5	4	4	4	4	9	16
14	5	4	3	4	7	6	3	5	9	13	13	15	14	15	16	16	10	8	7	5	3	4	3	6	8	16
15	10	6	5	5	4	4	5	5	6	7	8	10	8	7	6	6	6	6	6	5	5	5	6	9	6	10
16	10	9	8	12	8	7	5	8	12	12	14	13	11	13	14	13	13	14	11	6	3	9	4	3	10	14
17	3	3	3	3	4	3	4	13	14	15	22	10	17	15	14	13	16	16	8	5	7	8	5	10	10	22
18	11	7	3	4	4	3	5	7	11	12	11	17	13	10	9	10	8	12	7	7	4	6	8	8	8	17
19	5	5	3	8	8	11	11	13	13	9	7	10	13	9	10	14	11	6	7	5	5	5	10	10	9	14
20	10	9	11	6	4	8	9	11	7	10	14	12	7	6	7	7	8	7	6	5	6	5	5	5	8	14
21	6	5	4	3	4	5	5	7	12	10	9	6	6	5	9	8	11	6	6	6	7	5	4	5	6	12
22	10	6	7	9	4	3	4	8	11	11	11	11	13	10	10	6	6	8	11	11	5	6	5	5	8	13
23	8	7	5	4	4	5	6	11	10	14	15	12	13	14	16	15	12	14	7	5	5	5	5	6	9	16
24	7	8	7	7	10	6	10	9	13	16	14	11	10	10	9	11	9	7	6	6	4	5	4	5	9	16
25	5	4	3	3	4	6	9	13	14	16	12	12	8	7	8	6	11	11	7	5	4	3	4	4	7	16
26	5	5	5	5	3	4	6	12	13	14	17	15	15	14	14	12	14	16	11	5	4	9	5	4	9	17
27	4	5	3	3	2	3	5	9	12	12	15	16	14	11	9	9	8	9	8	11	11	4	2	4	8	16
28	6	8	6	5	7	3	6	10	14	16	12	7	9	10	12	11	11	8	8	6	4	3	6	5	8	16
29	7	4	5	5	3	4	5	8	9	10	11	13	10	13	10	9	7	6	5	5	4	4	5	5	7	13
30	3	4	4	5	3	4	5	8	9	11	10	13	13	10	12	14	13	10	9	5	5	5	9	7	8	14
31	4	4	6	3	3	5	6	8	10	12	13	15	18	14	13	14	10	7	5	5	5	3	4	4	8	18
AV	6	5	5	5	5	5	6	9	11	12	13	12	12	12	11	11	11	10	7	6	5	6	5	6	8	[ ]
SD	2	2	2	2	2	2	2	4	4	3	5	4	3	3	3	3	5	4	2	2	2	2	2	2	1	[ ]

OUTPT [VERSION N 28 JUL 76]

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	2	2	3	5	7	8	8	8	8	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	6	8
2	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	7	8	11	10	11	9	7	6	6	4	3	5	7	11
3	5	9	8	6	5	7	6	7	9	10	9	8	7	8	8	8	9	8	9	7	5	3	4	6	7	10
4	6	6	5	4	4	5	8	9	9	9	10	9	10	9	10	10	10	10	9	8	5	4	4	6	7	10
5	9	4	3	4	3	3	4	7	8	9	10	9	10	11	10	10	8	9	7	5	2	5	4	3	7	11
6	2	4	7	8	6	5	9	4	5	6	7	9	9	10	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	7	10
7	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	11	11	8	7	5	5	4	4	4	5	6	11
8	4	6	8	6	8	5	6	7	7	8	9	8	8	8	10	10	11	8	9	6	6	4	4	4	7	11
9	4	5	5	5	5	3	5	8	9	9	9	10	9	9	10	11	9	9	8	7	5	3	4	5	7	11
10	5	5	5	6	5	5	5	7	8	8	10	9	9	9	8	8	8	8	7	8	7	5	5	6	7	10
11	5	5	4	5	5	7	7	7	9	9	9	10	10	7	8	8	8	6	6	6	5	5	7	6	7	10
12	7	7	6	4	4	4	6	9	10	11	9	10	10	9	8	9	9	10	9	6	7	8	5	5	8	11
13	4	4	7	10	5	5	5	7	10	7	8	8	7	6	9	5	6	5	5	7	6	7	6	5	6	10
14	6	5	5	4	5	5	6	9	9	10	10	10	10	10	10	10	9	9	8	6	6	6	6	7	8	10
15	3	3	4	5	4	2	5	5	5	5	5	6	6	6	6	6	6	7	7	7	6	4	9	8	5	9
16	5	6	7	6	7	6	8	8	9	8	4	10	10	6	7	6	7	6	7	8	5	7	7	7	7	10
17	5	5	5	3	3	4	5	8	9	9	10	9	8	8	6	6	6	7	5	4	5	8	6	6	6	10
18	3	2	3	3	3	3	4	5	5	6	7	9	10	11	8	8	8	7	7	6	6	5	5	5	6	11
19	5	5	4	3	3	4	5	5	7	7	6	9	10	10	11	11	12	13	9	7	8	3	5	5	7	13
20	5	7	6	4	4	3	8	10	10	9	9	9	11	10	10	9	8	8	8	6	6	6	5	5	7	11
21	3	3	4	5	3	3	5	8	9	9	8	9	11	9	9	8	10	10	9	7	6	6	7	6	7	11
22	6	7	7	7	7	6	7	7	8	6	7	7	7	7	6	6	5	6	5	5	6	5	6	4	6	8
23	7	4	7	8	4	3	5	11	9	7	8	8	10	10	8	6	6	6	5	4	5	4	5	7	7	11
24	9	4	3	4	5	3	6	7	10	10	9	9	9	9	11	9	8	7	6	5	5	5	5	5	7	11
25	5	5	4	4	3	2	5	10	11	10	9	9	8	12	10	9	9	9	8	6	6	5	6	6	7	12
26	5	6	7	8	8	5	8	8	8	8	8	8	8	8	8	8	9	8	7	3	3	4	4	4	7	9
27	5	4	4	2	2	3	4	5	5	6	7	7	7	7	8	8	8	7	8	5	6	5	6	5	6	8
28	3	3	7	12	4	4	5	5	6	6	7	7	8	8	8	9	9	9	9	4	5	5	5	6	6	12
29	7	5	3	3	2	3	4	6	9	11	11	10	9	8	8	8	6	6	6	6	6	5	6	6	6	11
30	6	7	6	7	6	6	7	7	8	10	10	10	10	8	9	9	8	7	7	7	5	6	7	8	8	10
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5	5	5	5	5	4	6	7	8	8	8	9	9	9	9	8	8	8	7	6	5	5	5	6	7	[ ]
SD	2	1	2	2	2	1	1	2	2	2	2	1	1	2	1	2	2	2	1	1	1	1	1	1	1	[ ]

OUTPT (VERSION N 28 JUL 76)

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	9	8	8	5	6	8	9	10	11	12	12	9	8	4	4	5	6	7	7	5	3	3	3	5	7	12
2	6	7	6	5	7	4	5	7	9	9	9	10	10	10	11	8	8	7	7	6	4	6	5	6	7	11
3	7	7	6	5	6	6	6	8	9	10	10	10	11	11	12	12	11	10	9	7	7	6	5	4	8	12
4	2	3	4	3	5	3	4	11	12	11	10	9	9	8	10	9	9	8	6	4	3	4	4	6	7	12
5	4	4	4	3	3	2	9	11	10	9	9	8	9	9	10	9	9	8	7	6	4	6	5	5	7	11
6	5	4	3	6	6	5	5	6	8	11	10	10	10	10	11	11	14	10	6	5	5	5	4	4	7	14
7	9	5	9	7	6	4	5	5	6	7	9	9	8	10	8	7	10	9	7	7	8	6	6	6	7	10
8	6	6	6	6	6	4	5	12	13	11	10	8	8	8	8	8	8	8	7	5	5	5	5	7	7	13
9	9	9	5	5	5	3	6	10	11	12	12	13	12	13	12	11	9	8	9	6	4	5	10	8	9	13
10	7	6	6	6	6	7	5	5	7	9	10	10	10	9	9	8	8	9	5	5	5	4	5	7	7	10
11	6	5	4	4	4	3	9	13	14	14	14	15	14	12	10	9	8	9	5	5	6	4	5	5	8	15
12	6	5	6	7	8	6	7	7	10	10	7	7	7	7	6	5	5	6	5	5	5	5	6	6	6	10
13	6	6	6	4	4	3	5	9	10	11	12	13	14	11	9	9	9	8	7	4	6	5	5	5	8	14
14	5	5	3	3	3	4	7	8	8	9	9	9	8	7	6	5	7	6	5	5	6	9	5	4	6	9
15	4	5	5	6	5	4	6	10	12	14	15	15	14	14	14	14	14	13	11	8	8	6	7	6	10	15
16	5	5	3	3	3	3	4	4	5	5	5	5	5	5	5	5	5	5	8	8	5	5	8	7	5	8
17	6	3	4	4	5	5	5	5	5	7	8	8	8	9	9	9	6	6	5	6	6	6	4	5	6	9
18	8	5	5	6	5	5	6	6	8	10	10	6	9	8	7	6	6	5	8	7	5	7	7	7	7	10
19	3	5	5	3	7	6	6	5	6	6	6	6	6	6	6	7	9	9	7	7	7	7	5	6	6	9
20	6	6	5	5	5	5	7	9	10	10	9	9	9	9	8	8	5	7	8	7	5	5	4	5	7	10
21	5	4	3	5	6	5	7	11	12	11	12	14	14	13	11	9	9	8	7	5	5	6	5	5	8	14
22	6	6	5	4	4	4	6	14	13	13	13	12	12	12	11	11	9	10	7	5	5	5	5	5	8	14
23	5	4	4	4	5	5	6	7	8	9	[PF]	[PF]	11	11	12	11	12	9	10	5	4	5	8	8	7	12
24	7	7	6	8	7	6	5	5	5	6	7	7	7	8	9	9	10	8	7	6	6	7	7	5	7	10
25	10	11	10	11	14	9	7	9	10	12	11	11	10	8	8	6	6	7	8	7	7	6	6	8	9	14
26	4	5	5	4	4	5	6	6	9	13	12	12	11	11	9	7	8	12	9	5	5	5	9	9	8	13
27	6	9	7	9	4	4	3	4	5	6	6	7	9	9	9	9	8	7	5	5	12	7	5	6	7	12
28	4	5	5	5	5	5	7	9	9	9	9	10	10	9	7	6	9	7	5	6	9	5	5	6	7	10
29	4	7	3	4	4	6	5	7	9	10	12	12	11	10	10	9	7	7	7	6	5	7	9	6	7	12
30	6	6	5	5	5	7	8	10	10	10	13	11	13	15	15	16	14	8	6	5	6	7	6	7	9	16
31	10	7	5	6	5	7	7	9	12	12	9	10	10	10	10	10	10	7	6	8	10	8	8	9	9	12
AV	6	6	5	5	5	5	6	8	9	10	10	10	10	10	9	9	9	8	7	6	6	6	6	6	7	[ ]
SD	2	2	2	2	2	2	1	3	3	2	2	3	2	2	2	3	2	2	2	1	2	1	2	1	1	[ ]

OUTPT (VERSION N 28 JUL 76)

SIGMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.40	.42	.26	.24	.30	.30	.30	.36	.52	.58	.60	.68	.74	.76	.74	.72	.68	.58	.36	.22	.34	.32	.28	.34	.46	.76
2	.30	.36	.42	.38	.34	.32	.30	.38	.54	.56	.62	.66	.70	.68	.70	.60	.48	.48	.24	.20	.28	.50	.44	.36	.46	.70
3	.34	.28	.22	.28	.36	.32	.28	.28	.40	.56	.50	.28	.66	.70	.76	.72	.74	.62	.56	.36	.34	.54	.36	.40	.46	.76
4	.40	.58	.62	.58	.46	.58	.76	.78	.80	.76	.52	.66	.72	.78	.76	.72	.68	.78	.68	.38	.26	.26	.24	.34	.58	.80
5	.30	.28	.24	.24	.24	.24	.26	.32	.50	.60	.70	.74	.78	.76	.76	.66	.60	.54	.62	.38	.24	.40	.38	.44	.46	.78
6	.54	.54	.36	.26	.34	.28	.18	.22	.30	.24	.34	.46	.46	.36	.48	.52	.48	.34	.26	.44	.36	.32	.26	.20	.36	.54
7	.18	.18	.20	.20	.20	.20	.18	.18	.28	.48	.60	.48	.62	.70	.68	.58	.44	.40	.46	.34	.20	.18	.22	.24	.36	.70
8	.36	.24	.32	.38	.24	.18	.22	.22	.32	.36	.50	.46	.58	.62	.58	.66	.48	.34	.32	.28	.30	.32	.46	.26	.38	.66
9	.28	.28	.28	.24	.28	.22	.20	.24	.42	.58	.58	.66	.44	.66	.64	.66	.64	.66	.70	.68	.72	.74	.66	.54	.50	.74
10	.34	.28	.24	.38	.36	.30	.32	.44	.50	.56	.64	.62	.68	.72	.70	.60	.58	.54	.36	.20	.30	.42	.38	.36	.46	.72
11	.34	.34	.34	.26	.28	.26	.24	.28	.34	.46	.66	.78	.80	.62	.76	.82	.84	.86	.80	.80	.86	.78	.54	.32	.56	.86
12	.24	.20	.28	.24	.32	.48	.30	.38	.60	.68	.68	.70	.70	.68	.74	.68	.70	.58	.48	.32	.30	.32	.36	.34	.48	.74
13	.42	.54	.42	.50	.36	.38	.44	.46	.52	.58	.64	.72	.70	.74	.70	.68	.60	.50	.30	.20	.34	.40	.32	.38	.50	.74
14	.36	.38	.36	.38	.40	.34	.26	.56	.44	.54	.56	.72	.70	.74	.74	.70	.70	.66	.54	.46	.36	.42	.36	.48	.50	.74
15	.62	.44	.38	.42	.40	.58	.78	.72	.76	.76	.78	.76	.70	.80	.82	.82	.82	.80	.78	.78	.82	.82	.74	.80	.70	.82
16	.60	.58	.56	.38	.32	.42	.42	.62	.70	.72	.72	.72	.72	.70	.70	.68	.62	.54	.32	.20	.18	.30	.38	.32	.52	.72
17	.32	.38	.30	.30	.28	.26	.28	.44	.50	.60	.64	.68	.70	.70	.68	.68	.62	.54	.30	.24	.34	.44	.54	.42	.46	.70
18	.36	.24	.22	.28	.26	.24	.22	.30	.46	.54	.64	.60	.62	.80	.74	.74	.70	.76	.52	.48	.44	.28	.34	.28	.46	.80
19	.50	.24	.28	.58	.46	.24	.22	.34	.58	.50	.64	.68	.48	.60	.58	.66	.70	.48	.44	.38	.54	.54	.44	.34	.46	.70
20	.28	.26	.24	.34	.30	.46	.48	.40	.46	.58	.62	.62	.64	.74	.82	.72	.62	.54	.42	.30	.28	.34	.46	.40	.48	.82
21	.46	.30	.22	.26	.24	.22	.20	.30	.56	.48	.60	.60	.76	.58	.40	.34	.34	.30	.24	.20	.20	.30	.22	.24	.36	.76
22	.30	.22	.24	.20	.20	.22	.26	.24	.32	.48	.54	.56	.58	.40	.64	.58	.66	.76	.62	.32	.20	.18	.24	.46	.40	.76
23	.38	.36	.30	.34	.32	.24	.22	.24	.38	.48	.58	.64	.68	.72	.74	.68	.62	.52	.44	.38	.30	.24	.30	.36	.44	.74
24	.34	.32	.30	.26	.50	.34	.26	.36	.50	.68	.62	.60	.52	.56	.64	.68	.56	.48	.30	.20	.26	.22	.34	.42	.42	.68
25	.34	.26	.32	.28	.38	.46	.30	.38	.48	.68	.64	.72	.76	.68	.74	.76	.60	.52	.38	.38	.38	.28	.26	.30	.48	.76
26	.32	.36	.34	.40	.30	.38	.40	.42	.54	.62	.70	.72	.68	.74	.72	.64	.60	.54	.42	.20	.20	.34	.40	.40	.48	.74
27	.38	.28	.36	.34	.22	.30	.34	.36	.52	.64	.68	.68	.76	.78	.74	.72	.66	.64	.48	.26	.22	.34	.24	.28	.46	.78
28	.38	.42	.28	.22	.24	.22	.20	.28	.46	.62	.60	.62	.62	.68	.76	.78	.80	.78	.68	.64	.42	.42	.42	.30	.50	.80
29	.24	.26	.40	.36	.24	.36	.34	.34	.44	.58	.62	.66	.68	.78	.68	.78	.78	.68	.66	.46	.44	.48	.26	.48	.50	.78
30	.18	.28	.36	.28	.26	.32	.38	.58	.54	.42	.54	.70	.72	.54	.60	.48	.68	.68	.64	.56	.60	.48	.38	.34	.48	.72
31	.34	.30	.30	.28	.28	.24	.26	.40	.50	.66	.60	.66	.74	.70	.70	.66	.74	.66	.38	.20	.22	.28	.38	.38	.46	.74
AV	.36	.34	.32	.32	.32	.32	.32	.38	.48	.56	.60	.64	.66	.68	.70	.66	.64	.58	.48	.36	.36	.40	.38	.38	.46	[ ]
SD	.10	.11	.09	.10	.08	.10	.14	.14	.12	.11	.08	.10	.09	.10	.09	.10	.11	.14	.16	.17	.17	.16	.12	.11	.07	[ ]

OUTPT [VERSION N 28 JUL 76]

SIGMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 20/SEP/76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.38	.26	.26	.24	.24	.20	.22	.44	.56	.60	.68	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.38	.68
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.76	.80	.82	.82	.78	.66	.70	.52	.44	.30	.30	.24	.60	.82
3	.38	.46	.28	.22	.22	.24	.22	.40	.46	.72	.84	.84	.84	.82	.78	.82	.80	.80	.74	.58	.44	.30	.34	.34	.54	.84
4	.28	.36	.28	.26	.22	.22	.22	.34	.50	.62	.76	.82	.82	.80	.80	.78	.74	.72	.66	.50	.40	.40	.44	.32	.52	.82
5	.34	.34	.42	.32	.28	.28	.26	.34	.48	.60	.66	.74	.76	.80	.82	.76	.72	.68	.66	.48	.28	.36	.36	.32	.50	.82
6	.28	.40	.50	.42	.28	.28	.20	.36	.56	.68	.80	.82	.82	.80	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.52	.62
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.60	.70	.70	.70	.66	.52	.38	.44	.42	.38	.56	.70
8	.32	.24	.24	.24	.26	.22	.26	.30	.72	.74	.80	.88	.84	.84	.80	.76	.80	.74	.68	.64	.44	.34	.28	.22	.52	.88
9	.30	.38	.40	.34	.36	.24	.26	.38	.52	.64	.74	.84	.84	.80	.80	.80	.78	.78	.72	.60	.38	.30	.44	.46	.54	.84
10	.44	.44	.50	.44	.34	.30	.52	.68	.82	.84	.84	.86	.84	.86	.86	.88	.86	.86	.82	.76	.72	.56	.58	.38	.66	.88
11	.22	.34	.34	.40	.42	.42	.40	.58	.76	.80	.80	.82	.82	.76	.78	.78	.76	.82	.80	.74	.46	.40	.58	.54	.60	.82
12	.40	.34	.32	.26	.30	.38	.54	.50	.66	.72	.80	.80	.78	.80	.78	.74	.70	.64	.70	.46	.52	.38	.36	.22	.54	.80
13	.24	.46	.50	.28	.24	.34	.46	.40	.46	.56	.56	.66	.68	.66	.62	.60	.74	.82	.64	.50	.50	.58	.46	.54	.52	.82
14	.54	.48	.58	.36	.50	.52	.52	.60	.66	.70	.76	.78	.72	.72	.72	.72	.72	.64	.62	.72	.54	.38	.24	.26	.58	.78
15	.28	.30	.38	.38	.34	.24	.34	.52	.58	.62	.68	.74	.74	.74	.72	.72	.70	.62	.44	.50	.62	.46	.36	.32	.52	.74
16	.30	.34	.26	.24	.26	.26	.26	.30	.38	.42	.38	.48	.60	.72	.72	.80	.84	.82	.68	.76	.80	.56	.70	.78	.52	.84
17	.60	.34	.28	.20	.24	.28	.24	.34	.40	.56	.64	.72	.70	.62	.62	.70	.58	.48	.52	.48	.40	.38	.50	.34	.46	.72
18	.24	.22	.28	.28	.26	.28	.30	.42	.56	.66	.74	.78	.82	.80	.76	.74	.66	.62	.64	.68	.72	.68	.46	.28	.54	.82
19	.26	.24	.38	.30	.30	.28	.26	.38	.56	.62	.66	.68	.72	.74	.72	.66	.66	.52	.38	.26	.28	.24	.22	.20	.44	.74
20	.22	.22	.22	.24	.26	.24	.24	.38	.48	.66	.70	.76	.80	.84	.82	.80	.80	.74	.76	.74	.74	.76	.52	.34	.56	.84
21	.28	.30	.38	.24	.24	.26	.22	.32	.46	.60	.76	.80	.80	.80	.78	.80	.78	.74	.70	.66	.58	.52	.70	.70	.56	.80
22	.60	.64	.78	.84	.88	.72	.66	.72	.76	.68	.66	.30	.26	.20	.24	.18	.18	.20	.18	.16	.16	.16	.18	.16	.44	.88
23	.16	.16	.16	.16	.16	.16	.16	.20	.18	.18	.18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	.16	.20
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	.34	.72	.70	.78	.70	.60	.46	.30	.24	.28	.34	.46	.50	.78
27	.48	.36	.30	.24	.28	.28	.26	.36	.48	.60	.64	.70	.72	.74	.74	.70	.66	.66	.50	.46	.52	.34	.40	.48	.50	.74
28	.36	.36	.24	.24	.26	.26	.22	.32	.42	.60	.66	.70	.72	.68	.72	.70	.56	.52	.44	.26	.20	.30	.40	.32	.44	.72
29	.30	.24	.24	.24	.26	.28	.30	.38	.52	.56	.64	.66	.72	.74	.72	.66	.58	.56	.66	.76	.72	.72	.68	.76	.54	.76
30	.58	.52	.56	.46	.30	.24	.24	.38	.64	.72	.74	.78	.82	.78	.78	.82	.84	.62	.42	.50	.38	.38	.34	.40	.56	.84
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	.36	.34	.36	.32	.30	.30	.32	.42	.54	.62	.68	.74	.74	.74	.72	.72	.70	.66	.60	.54	.48	.42	.42	.40	.52	[ ]
SD	.12	.11	.13	.13	.13	.11	.13	.12	.14	.12	.14	.13	.14	.12	.12	.13	.13	.14	.15	.17	.17	.15	.14	.16	.09	[ ]

OUTPT (VERSION N 28 JUL 76)

SIGMA-W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.44	.56	.60	.28	.34	.34	.42	.46	.54	.72	.74	.74	.50	.48	.56	.56	.64	.66	.60	.44	.34	.32	.38	.40	.50	.74
2	.22	.34	.84	.82	.56	.26	.38	.36	.54	.64	.66	.78	.80	.76	.78	.82	.80	.74	.56	.34	.38	.56	.40	.34	.58	.84
3	.56	.46	.42	.42	.50	.28	.28	.44	.54	.62	.68	.68	.72	.74	.72	.74	.70	.64	.46	.28	.24	.32	.40	.44	.52	.74
4	.32	.34	.38	.40	.40	.28	.34	.40	.48	.72	.68	.66	.72	.76	.74	.78	.76	.70	.52	.32	.22	.34	.42	.34	.50	.78
5	.44	.34	.40	.34	.30	.28	.28	.38	.46	.60	.68	.72	.74	.78	.72	.74	.68	.58	.48	.26	.26	.40	.50	.44	.50	.78
6	.26	.34	.38	.50	.42	.30	.34	.28	.54	.58	.60	.72	.72	.68	.70	.74	.62	.60	.68	.46	.42	.34	.26	.36	.50	.74
7	.32	.24	.40	.26	.22	.22	.22	.36	.50	.60	.72	.74	.74	.80	.82	.68	.70	.80	.84	.64	.74	.50	.82	.84	.58	.84
8	.70	.44	.22	.20	.22	.22	.22	.28	.46	.58	.70	.72	.78	.80	.84	.74	.82	.72	.48	.54	.52	.64	.58	.48	.54	.84
9	.32	.28	.46	.46	.36	.22	.22	.34	.58	.72	.72	.78	.74	.82	.84	.82	.82	.66	.54	.28	.38	.54	.78	.74	.56	.84
10	.68	.70	.52	.34	.22	.28	.28	.34	.52	.68	.72	.72	.78	.78	.78	.84	.76	.58	.42	.26	.68	.68	.54	.42	.56	.84
11	.22	.20	.24	.36	.40	.38	.38	.44	.56	.64	.70	.82	.82	.70	.68	.66	.66	.56	.76	.46	.28	.36	.36	.38	.50	.82
12	.46	.52	.48	.46	.38	.30	.24	.50	.66	.56	.62	.76	.78	.74	.56	.58	.50	.60	.54	.42	.38	.24	.30	.34	.50	.78
13	.50	.38	.22	.24	.28	.28	.42	.44	.56	.70	.76	.76	.82	.80	.76	.80	.76	.66	.38	.22	.28	.36	.34	.22	.50	.82
14	.40	.34	.26	.38	.32	.32	.34	.32	.46	.66	.76	.76	.78	.80	.78	.72	.70	.64	.54	.38	.20	.26	.36	.32	.50	.80
15	.38	.38	.46	.48	.36	.34	.30	.42	.56	.70	.72	.76	.78	.82	.78	.76	.66	.60	.44	.28	.22	.28	.40	.50	.52	.82
16	.46	.36	.22	.28	.28	.26	.24	.26	.34	.58	.68	.78	.70	.74	.82	.74	.72	.58	.48	.40	.24	.40	.48	.52	.48	.82
17	.34	.28	.30	.28	.24	.26	.28	.38	.64	.68	.74	.72	.68	.60	.66	.72	.74	.68	.82	.68	.34	.44	.34	.26	.50	.82
18	.22	.28	.52	.26	.18	.18	.20	.28	.46	.66	.60	.50	.56	.74	.82	.76	.66	.60	.52	.42	.58	.46	.34	.28	.46	.82
19	.22	.28	.28	.20	.20	.18	.22	.40	.54	.60	.70	.74	.70	.82	.82	.82	.74	.60	.74	.80	.88	.68	.56	.54	.56	.88
20	.60	.46	.26	.22	.18	.34	.34	.32	.46	.56	.60	.62	.80	.74	.76	.80	.80	.48	.44	.36	.44	.34	.26	.38	.48	.80
21	.36	.32	.26	.36	.32	.30	.34	.44	.50	.58	.72	.70	.74	.80	.76	.74	.76	.64	.52	.30	.26	.44	.40	.44	.50	.80
22	.44	.34	.34	.34	.34	.32	.34	.44	.48	.60	.66	.68	.76	.78	.76	.74	.64	.58	.48	.34	.22	.22	.34	.40	.48	.78
23	.34	.32	.34	.34	.34	.28	.34	.40	.48	.60	(PF)	(PF)	.72	.78	.78	.76	.74	.48	.52	.44	.32	.48	.68	.60	.50	.78
24	.56	.34	.32	.32	.26	.26	.28	.40	.64	.62	.64	.72	.76	.74	.76	.66	.76	.74	.62	.46	.48	.42	.44	.44	.52	.76
25	.44	.40	.38	.34	.38	.36	.34	.60	.68	.64	.64	.76	.76	.84	.78	.42	.64	.62	.38	.30	.36	.26	.18	.22	.48	.84
26	.22	.18	.20	.32	.26	.24	.24	.18	.28	.52	.62	.70	.76	.78	.78	.82	.68	.58	.46	.28	.38	.50	.42	.54	.46	.82
27	.62	.66	.36	.34	.24	.26	.26	.38	.52	.62	.70	.74	.76	.76	.78	.72	.74	.68	.56	.36	.18	.28	.50	.38	.52	.78
28	.36	.54	.40	.52	.40	.36	.34	.36	.50	.54	.74	.72	.72	.76	.82	.74	.66	.44	.32	.36	.24	.30	.48	.38	.50	.82
29	.34	.38	.26	.36	.34	.36	.38	.46	.46	.54	.70	.70	.80	.82	.66	.78	.74	.60	.52	.34	.22	.32	.54	.58	.50	.82
30	.38	.38	.22	.22	.18	.22	.22	.38	.60	.56	.66	.70	.72	.70	.78	.72	.70	.64	.76	.58	.34	.58	.82	.80	.54	.82
31	.36	.30	.42	.42	.30	.20	.22	.34	.64	.74	.74	.76	.76	.78	.76	.74	.58	.62	.52	.62	.52	.46	.24	.26	.52	.78
AV	.40	.38	.36	.36	.32	.28	.30	.38	.52	.62	.68	.72	.74	.76	.76	.74	.70	.62	.54	.40	.38	.42	.44	.44	.52	[ ]
SD	.13	.12	.13	.12	.09	.05	.06	.08	.08	.06	.05	.06	.07	.07	.07	.08	.07	.08	.13	.14	.17	.13	.16	.15	.03	[ ]

OUTPT [VERSION N 28 JUL 76]

NET SOLAR RADIATION
(LY./MIN.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.20	.35	.40	.70	.75	.70	.65	.55	.35	.20	.00	-.15	-.15	-.15	-.15	-.20	-.15	.15	.75
2	-.10	-.10	-.10	-.10	-.10	-.15	-.05	.15	.40	.40	.70	.65	.65	.60	.45	.20	.15	.00	-.15	-.10	-.10	-.15	-.15	-.15	.10	.70
3	-.15	-.15	-.15	-.15	-.10	-.10	-.05	.10	.25	.35	.35	.50	.35	.55	.45	.20	.05	.00	-.10	-.10	-.10	-.10	-.10	-.10	.05	.55
4	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.15	.40	.50	.50	.35	.55	.50	.45	.30	.10	-.05	-.05	-.10	-.10	-.10	-.10	-.10	.10	.55
5	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.15	.35	.40	.70	.65	.75	.60	.55	.25	.05	.00	-.05	-.10	-.10	-.05	-.10	-.10	.15	.75
6	-.10	-.10	-.10	-.05	-.05	-.05	-.05	.00	.25	.30	.20	.00	.00	.40	.40	.30	.05	.00	-.05	-.05	-.05	-.05	-.05	-.05	.05	.40
7	-.05	-.05	-.05	-.05	-.05	-.05	.00	.00	.15	.55	.45	.45	.70	.70	.55	.35	.10	.05	-.05	-.10	-.10	-.10	-.10	-.10	.15	.70
8	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.10	.30	.25	.20	.90	.80	.75	.15	.00	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.10	.90
9	-.05	-.05	-.05	-.05	-.10	-.05	.00	.15	.40	.45	.80	.85	.85	.75	.70	.50	.30	.15	.00	-.10	-.10	-.10	-.10	-.10	.20	.85
10	-.10	-.10	-.10	-.10	-.10	-.05	.00	.20	.45	.45	.60	.70	.75	.65	.45	.30	.30	.10	-.10	-.10	-.10	-.10	-.10	-.10	.15	.75
11	-.10	-.10	-.10	-.10	-.10	-.05	.10	.15	.35	.35	.60	.55	.20	.40	.45	.45	.30	.05	-.10	-.15	-.15	-.15	-.15	-.15	.10	.60
12	-.15	-.15	-.15	-.15	-.15	-.10	-.40	.15	.45	.40	.70	.75	.70	.75	.65	.45	.25	.05	-.10	-.15	-.15	-.15	-.15	-.15	.15	.75
13	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.15	.50	.30	.75	.75	.75	.65	.60	.40	.25	.05	-.10	-.15	-.15	-.10	-.10	-.10	.15	.75
14	-.10	-.10	-.10	-.10	-.10	-.05	-.05	.15	.55	.35	.75	.75	.75	.70	.55	.45	.25	.05	-.15	-.15	-.15	-.15	-.10	-.10	.15	.75
15	-.10	-.15	-.10	-.10	-.10	-.10	.00	.15	.30	.35	.80	.80	.40	.70	.55	.50	.25	.10	-.10	-.15	-.15	-.15	-.15	-.10	.15	.80
16	-.15	-.15	-.15	-.15	-.10	-.05	-.05	.15	.55	.40	.80	.80	.75	.65	.60	.40	.25	.05	-.15	-.15	-.15	-.15	-.15	-.15	.15	.80
17	-.10	-.10	-.10	-.10	-.10	-.05	-.05	.15	.55	.35	.75	.70	.75	.70	.55	.40	.20	.05	-.10	-.15	-.15	-.15	-.15	-.10	.15	.75
18	-.10	-.10	-.10	-.10	-.10	-.05	-.05	.15	.50	.35	.75	.65	.70	.70	.55	.35	.10	.00	-.05	-.10	-.10	-.10	-.10	-.10	.15	.75
19	-.10	-.05	-.05	-.10	-.10	-.05	.00	.20	.35	.30	.40	.25	.00	.00	.15	.00	.05	.00	-.05	-.05	-.05	-.10	-.05	-.05	.05	.40
20	-.10	-.05	-.05	-.05	-.05	-.05	.00	.05	.25	.30	.55	.20	.05	.60	.60	.35	.15	.05	-.10	-.10	-.10	-.10	-.10	-.10	.10	.60
21	-.10	-.05	-.10	-.10	-.05	-.05	.00	.20	.30	.15	.10	.05	.05	.10	.10	.30	.15	.00	-.05	-.05	-.05	-.05	-.05	-.05	.05	.30
22	-.10	-.05	-.10	-.05	-.05	.00	.05	.15	.25	.35	.55	.60	.00	.00	.25	.20	.15	.10	-.05	-.05	-.05	-.05	-.05	-.05	.10	.60
23	-.10	-.05	-.05	-.05	-.05	-.05	.00	.15	.20	.55	.75	.85	.80	.75	.60	.55	.30	.05	-.05	-.10	-.10	-.10	-.05	-.05	.20	.85
24	-.10	-.10	-.05	-.05	-.10	-.05	.05	.25	.50	.40	.65	.35	.25	.30	.25	.15	-.05	-.05	-.05	-.10	-.10	-.10	-.10	-.10	.10	.65
25	-.10	-.10	-.10	-.10	-.10	-.05	.00	.25	.50	.30	.80	.75	.45	.30	.30	-.05	.20	.10	-.05	-.15	-.10	-.10	-.10	-.10	.10	.80
26	-.10	-.10	-.10	-.10	-.10	-.05	.00	.20	.50	.30	.75	.80	.75	.70	.60	.40	.25	.05	-.10	-.15	-.15	-.15	-.15	-.10	.15	.80
27	-.10	-.10	-.10	-.10	-.10	-.05	.00	.20	.55	.35	.75	.65	.70	.65	.55	.45	.20	.10	-.10	-.15	-.15	-.15	-.15	-.15	.15	.75
28	-.10	-.10	-.10	-.10	-.10	-.05	.10	.25	.45	.35	.30	.60	.55	.50	.45	.50	.25	.05	-.05	-.15	-.15	-.15	-.15	-.10	.15	.60
29	-.10	-.10	-.10	-.10	-.10	-.05	.00	.20	.40	.40	.40	.60	.70	.45	.35	.00	.10	.10	-.05	-.10	-.15	-.10	-.10	-.10	.10	.70
30	-.10	-.10	-.10	-.10	-.10	-.05	.00	.25	.20	.20	.40	.75	.55	.40	.15	.05	-.05	-.05	.00	-.10	-.10	-.10	-.10	-.10	.10	.75
31	-.10	-.10	-.10	-.10	-.10	-.05	.05	.25	.50	.45	.65	.75	.75	.45	.40	.35	.20	.05	-.10	-.15	-.15	-.10	-.10	-.10	.15	.75
AV	-.10	-.10	-.10	-.10	-.10	-.05	.00	.15	.40	.35	.60	.60	.55	.55	.45	.30	.15	.05	-.10	-.10	-.10	-.10	-.10	-.10	.10	[ ]
SD	.02	.03	.03	.03	.02	.03	.08	.07	.13	.08	.20	.23	.28	.21	.16	.16	.10	.05	.04	.04	.04	.03	.04	.03	.04	[ ]

OUTPT [VERSION N 28 JUL 76]

NET SOLAR RADIATION
(LY./MIN.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-.10	-.10	-.10	-.10	-.10	-.05	.05	.25	.50	.40	.70	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.10	.70
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.80	.75	.65	.50	.30	.05	-.10	-.15	-.15	-.15	-.15	-.10	.20	.80
3	-.10	-.10	-.10	-.10	-.10	-.05	.00	.20	.50	.60	.55	.60	.30	.30	.30	.50	.35	.10	-.10	-.15	-.15	-.15	-.15	-.10	.10	.60
4	-.10	-.10	-.10	-.10	-.10	-.05	.00	.20	.50	.50	.70	.85	.85	.65	.65	.55	.30	.10	-.10	-.20	-.15	-.15	-.15	-.10	.20	.85
5	-.15	-.15	-.15	-.15	-.10	-.05	.05	.20	.50	.50	.70	.80	.85	.75	.65	.50	.30	.05	-.10	-.20	-.15	-.15	-.15	-.10	.20	.85
6	-.10	-.15	-.10	-.10	-.10	-.05	.05	.35	.55	.50	.65	.85	.45	.45	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.25	.85
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.40	.30	.10	.15	-.10	-.15	-.10	-.10	-.10	-.10	.05	.40
8	-.10	-.10	-.10	-.10	-.10	-.05	.05	.25	.60	.65	.45	.85	.85	.45	.25	.55	.35	-.05	-.05	-.15	-.15	-.15	-.15	-.15	.15	.85
9	-.15	-.15	-.15	-.15	-.15	-.10	.00	.20	.55	.50	.65	.80	.80	.80	.65	.50	.35	.15	-.10	-.15	-.15	-.10	-.10	-.10	.20	.80
10	-.10	-.10	-.10	-.10	-.10	-.05	.05	.25	.60	.55	.65	.90	.90	.80	.75	.55	.30	.15	-.10	-.10	-.10	-.10	-.10	-.10	.20	.90
11	-.10	-.10	-.10	-.10	-.10	-.05	.05	.10	.25	.40	.60	.65	.85	.50	.40	.15	.05	-.05	.00	-.05	-.05	-.05	-.05	-.05	.15	.85
12	-.10	-.10	-.10	-.10	-.10	-.05	.05	.20	.50	.55	.70	.85	.60	.70	.55	.60	.35	.10	-.05	-.10	-.10	-.10	-.05	-.05	.20	.85
13	-.10	-.10	-.10	-.10	-.10	-.05	.00	.05	.15	.20	.15	.20	.15	.15	.15	.00	.00	.00	-.05	-.05	-.05	-.05	-.05	-.05	.00	.20
14	-.10	-.10	-.10	-.10	-.10	-.05	.10	.20	.50	.55	.70	.95	1.00	.90	.80	.65	.40	.10	-.10	-.15	-.10	-.10	-.10	-.10	.25	1.00
15	-.10	-.10	-.10	-.10	-.10	-.05	.05	.20	.50	.55	.65	.90	.85	.80	.70	.50	.35	.15	-.10	-.15	-.15	-.10	-.10	-.10	.20	.90
16	-.10	-.05	-.10	-.05	-.05	-.05	.00	.05	.05	.05	.10	.20	.30	.25	.30	.35	.15	.00	-.05	-.05	-.05	-.05	-.05	.15	.05	.35
17	.05	-.10	-.10	-.05	-.05	-.05	.05	.30	.35	.55	.75	.90	.60	.35	.50	.05	-.05	.05	-.05	-.10	-.10	-.10	-.10	-.10	.15	.90
18	-.10	-.10	-.10	-.10	-.10	.00	.10	.20	.55	.55	.65	.85	.65	.75	.70	.50	.30	.15	-.10	-.15	-.10	-.10	-.10	-.10	.20	.85
19	-.10	-.10	-.10	-.10	-.10	-.05	.05	.20	.55	.55	.65	.85	.85	.75	.65	.50	.30	.15	-.05	-.15	-.10	-.10	-.10	-.10	.20	.85
20	-.10	-.10	-.10	-.10	-.10	-.05	.05	.20	.55	.55	.55	.85	.75	.65	.55	.50	.15	.15	-.05	-.15	-.15	-.15	-.15	-.15	.15	.85
21	-.10	-.10	-.10	-.10	-.10	-.05	.10	.20	.55	.55	.60	.85	.85	.75	.65	.50	.30	.15	-.10	-.15	-.15	-.10	-.10	-.10	.20	.85
22	-.10	-.10	-.10	-.10	-.05	-.05	-.05	-.05	.00	.50	.15	.45	.20	.50	.20	.25	.10	-.05	-.05	-.10	-.10	-.10	-.10	-.10	.05	.50
23	-.10	-.05	-.05	-.05	-.10	-.05	.05	.15	.55	.55	.60	.75	.70	.65	.25	.40	.35	.10	-.10	-.15	-.10	-.10	-.10	-.10	.15	.75
24	-.10	-.10	-.10	-.10	-.10	-.05	.05	.15	.50	.50	.55	.65	.65	.60	.50	.35	.25	.10	-.10	-.15	-.15	-.15	-.10	-.10	.15	.65
25	-.10	-.10	-.10	-.10	-.10	-.05	.05	.15	.50	.45	.45	.55	.65	.55	.55	.25	.05	.05	-.05	-.15	-.15	-.10	-.10	-.10	.15	.65
26	-.10	-.10	-.10	-.10	-.10	-.05	.05	.15	.50	.45	.50	.60	.60	.55	.50	.35	.15	.05	-.10	-.15	-.10	-.10	-.10	-.10	.15	.60
27	-.10	-.10	-.10	-.10	-.10	-.05	.05	.15	.50	.45	.50	.65	.60	.55	.45	.35	.15	.05	-.10	-.15	-.15	-.10	-.10	-.10	.15	.65
28	-.10	-.10	-.10	-.10	-.10	-.05	.05	.15	.50	.40	.50	.65	.60	.55	.45	.35	.15	.00	-.10	-.15	-.15	-.10	-.10	-.10	.15	.65
29	-.10	-.10	-.10	-.10	-.10	-.05	.05	.15	.50	.40	.50	.65	.55	.55	.35	.15	.15	.15	.10	.00	-.10	-.15	-.15	-.15	.15	.65
30	-.10	-.10	-.10	-.10	-.05	-.05	.05	.15	.45	.35	.45	.65	.60	.40	.45	.20	.00	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.10	.65
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	-.10	-.10	-.10	-.10	-.10	-.05	.05	.20	.45	.50	.55	.70	.65	.60	.50	.40	.20	.05	-.05	-.15	-.10	-.10	-.10	-.10	.15	[ ]
SD	.03	.02	.02	.02	.02	.01	.03	.08	.15	.12	.17	.19	.22	.18	.17	.17	.13	.07	.04	.05	.04	.03	.03	.05	.06	[ ]

OUTPT [VERSION N 28 JUL 76]

NET SOLAR RADIATION
(LY./MIN.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-.05	-.05	-.05	-.05	-.05	.00	.05	.15	.45	.45	.50	.05	.65	.40	.20	.35	.20	.05	-.05	-.10	-.10	-.10	-.05	-.10	.10	.65
2	-.10	-.10	-.10	-.10	-.10	-.05	.05	.10	.40	.45	.45	.65	.65	.55	.50	.30	.20	.05	-.10	-.15	-.10	-.10	-.10	-.10	.15	.65
3	-.10	-.10	-.10	-.10	-.10	-.05	.05	.15	.45	.45	.50	.65	.60	.55	.45	.35	.15	.05	-.10	-.15	-.15	-.10	-.10	-.10	.15	.65
4	-.10	-.10	-.10	-.10	-.10	-.05	.05	.15	.45	.45	.50	.65	.60	.55	.45	.35	.15	.05	-.10	-.15	-.15	-.10	-.10	-.10	.15	.65
5	-.10	-.10	-.10	-.10	-.10	-.05	.05	.15	.40	.45	.50	.65	.60	.55	.45	.35	.15	.05	-.10	-.15	-.15	-.10	-.10	-.10	.15	.65
6	-.10	-.10	-.10	-.10	-.10	-.05	.00	.10	.35	.45	.45	.60	.60	.55	.20	.35	.00	.00	-.05	-.10	-.10	-.10	-.10	-.10	.10	.60
7	-.10	-.10	-.05	-.05	-.05	-.05	.00	.15	.35	.40	.50	.45	.65	.30	.00	.25	.20	.00	-.05	-.10	-.10	-.10	-.10	-.10	.10	.65
8	-.10	-.10	-.10	-.10	-.10	-.05	.05	.10	.40	.40	.45	.60	.60	.55	.40	.15	.15	.05	-.10	-.15	-.15	-.10	-.10	-.10	.10	.60
9	-.10	-.10	-.10	-.10	-.10	-.05	.05	.10	.40	.35	.45	.60	.60	.55	.40	.30	.15	.00	-.10	-.15	-.15	-.10	-.10	-.10	.10	.60
10	-.10	-.10	-.10	-.10	-.10	-.05	.05	.10	.40	.35	.45	.60	.55	.50	.40	.25	.15	-.05	-.10	-.10	-.10	-.10	-.10	-.10	.10	.60
11	-.10	-.10	-.10	-.10	-.10	-.05	.00	.10	.45	.40	.45	.60	.60	.50	.15	-.10	.05	.00	-.05	-.10	-.10	-.10	-.10	-.10	.10	.60
12	-.10	-.05	-.10	-.10	-.10	-.10	.00	.15	.35	.15	.15	.65	.05	.35	.05	.00	-.05	.00	-.05	-.05	-.05	-.05	-.05	-.05	.05	.65
13	-.10	-.10	-.10	-.10	-.10	-.05	.05	.10	.45	.45	.45	.65	.65	.60	.40	.30	.10	.05	-.10	-.15	-.10	-.10	-.10	-.10	.15	.65
14	-.15	-.15	-.15	-.15	-.15	-.10	.00	.15	.40	.35	.55	.60	.60	.30	.15	.05	.20	.05	-.10	-.15	-.10	-.10	-.10	-.10	.10	.60
15	-.10	-.10	-.10	-.10	-.10	-.05	.00	.15	.40	.40	.50	.60	.55	.50	.40	.25	.10	.00	-.10	-.15	-.15	-.10	-.10	-.10	.10	.60
16	-.10	-.10	-.10	-.10	-.10	-.05	-.05	.05	.20	.35	.45	.60	.55	.50	.40	.30	.10	.00	-.10	-.15	-.10	-.10	-.10	-.10	.10	.60
17	-.10	-.10	-.10	-.10	-.10	-.05	.05	.15	.40	.35	.40	.40	.25	.45	.20	.15	.00	.00	-.05	-.05	-.05	-.05	-.05	-.05	.10	.45
18	-.05	-.05	-.10	-.10	-.10	-.05	.05	.15	.35	.50	.45	.00	.50	.55	.45	.25	.05	.05	.00	-.05	-.05	-.05	-.05	-.05	.10	.55
19	-.05	-.05	-.05	-.05	-.05	-.05	.00	.10	.35	.35	.45	.45	.65	.45	.25	.40	.20	.00	-.05	-.10	-.10	-.05	-.05	-.05	.10	.65
20	-.05	-.10	-.10	-.10	-.10	-.05	.05	.15	.40	.45	.55	.70	.55	.60	.50	.00	-.05	.00	-.05	-.10	-.10	-.10	-.10	-.10	.10	.70
21	-.10	-.10	-.10	-.10	-.10	-.05	.00	.10	.40	.35	.55	.65	.65	.60	.50	.35	.20	.05	-.10	-.15	-.10	-.10	-.10	-.10	.15	.65
22	-.10	-.10	-.10	-.10	-.10	-.05	-.00	.10	.40	.30	.55	.65	.65	.55	.50	.15	.05	.00	-.10	-.15	-.10	-.10	-.10	-.10	.10	.65
23	-.10	-.10	-.10	-.10	-.10	-.05	-.05	.10	.40	.30	[PF]	[PF]	.60	.55	.50	.35	.15	-.05	-.10	-.15	-.10	-.10	-.10	-.10	.10	.60
24	-.10	-.10	-.10	-.10	-.10	-.05	.00	.15	.40	.35	.55	.65	.65	.60	.50	.35	.10	.05	-.10	-.15	-.10	-.10	-.10	-.10	.15	.65
25	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.15	.40	.20	.45	.55	.45	.20	.00	-.05	.00	.00	-.05	-.05	-.05	-.05	-.05	-.05	.05	.55
26	-.10	-.10	-.10	-.10	-.05	-.05	-.05	.00	.00	.20	.20	.65	.60	.50	.55	.35	.10	.05	-.10	-.15	-.10	-.10	-.10	-.10	.10	.65
27	-.10	-.10	-.10	-.10	-.10	-.05	-.05	.15	.40	.30	.65	.65	.70	.60	.40	.20	.20	.00	-.10	-.10	-.10	-.10	-.10	-.10	.15	.70
28	-.10	-.10	-.10	-.10	-.10	-.05	.00	.10	.40	.35	.60	.65	.65	.55	.45	.30	.15	-.05	-.10	-.10	-.10	-.10	-.10	-.10	.15	.65
29	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.10	.45	.25	.60	.65	.55	.20	.30	.30	.20	.00	-.10	-.10	-.10	-.10	-.10	-.10	.10	.65
30	-.05	-.05	-.10	-.10	-.10	-.05	.00	.15	.35	.20	.45	.65	.55	.25	.45	.15	.15	.05	-.05	-.05	-.05	-.05	-.10	-.10	.10	.65
31	-.05	-.05	-.05	-.05	-.05	-.05	.00	.15	.40	.25	.50	.65	.60	.55	.45	.20	.10	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.15	.65
AV	-.10	-.10	-.10	-.10	-.10	-.05	.00	.10	.40	.35	.50	.55	.55	.50	.35	.25	.10	.00	-.10	-.10	-.10	-.10	-.10	-.10	.10	[ ]
SD	.02	.02	.02	.02	.02	.02	.04	.04	.08	.09	.10	.16	.12	.12	.16	.13	.08	.03	.03	.04	.03	.02	.02	.02	.02	[ ]

OUTPT [VERSION N 28 JUL 76]

BAROMETRIC PRESSURE
(MM OF MERCURY)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	637	637	637	637	637	637	637	637	637	636	636	635	634	633	633	632	631	631	630	630	630	631	631	631	634	637
2	631	631	631	631	631	631	632	632	631	631	630	629	629	628	628	627	627	627	627	627	627	628	628	629	629	632
3	627	627	628	629	629	629	629	629	629	629	628	627	629	627	627	626	626	626	626	626	627	627	628	628	628	629
4	628	628	628	628	628	628	628	628	628	628	627	627	626	626	625	625	624	624	625	625	626	626	626	626	627	628
5	626	626	626	626	627	627	627	627	627	626	626	625	625	624	624	624	624	624	624	625	625	626	626	626	626	627
6	627	627	627	627	628	628	628	629	629	629	629	630	631	631	630	629	630	630	630	630	631	631	631	631	629	631
7	632	632	632	632	632	632	633	633	633	633	633	633	632	632	631	631	631	631	631	632	632	632	632	632	632	633
8	632	633	632	632	632	633	633	633	633	633	633	632	631	631	630	630	630	630	630	630	630	631	631	631	632	633
9	631	631	631	631	631	631	632	632	632	632	632	631	631	630	630	630	630	630	630	631	632	633	633	633	631	633
10	633	633	633	633	634	634	634	635	634	634	634	633	632	632	631	630	630	630	629	630	630	631	631	631	632	635
11	631	631	631	631	631	631	631	631	630	630	629	629	629	629	628	628	628	628	629	629	630	632	632	633	630	633
12	633	633	633	634	634	635	636	636	636	635	635	635	634	635	635	634	634	634	634	634	634	635	635	635	635	636
13	636	636	636	636	636	636	636	636	635	635	634	634	633	632	631	631	630	630	630	630	630	630	630	631	633	636
14	631	631	631	631	630	631	631	630	630	629	628	627	626	625	624	624	623	623	623	623	623	623	623	623	627	631
15	624	625	626	627	628	629	629	630	631	631	631	631	631	631	631	632	632	632	633	633	634	635	635	635	631	635
16	635	635	635	635	635	636	636	636	636	635	635	634	634	633	633	632	631	631	631	631	631	632	632	632	634	636
17	633	633	633	633	633	633	633	633	633	632	632	631	630	629	629	628	628	627	627	627	627	627	628	628	630	633
18	628	628	628	628	628	629	629	629	628	628	627	626	626	625	625	624	624	624	624	624	625	626	626	626	626	629
19	626	626	626	627	627	627	628	628	628	627	627	627	627	627	627	626	626	626	626	626	627	627	627	627	627	628
20	628	628	628	629	629	629	629	629	630	630	629	629	629	629	629	628	628	628	628	628	629	629	629	630	629	630
21	630	630	630	630	630	630	630	630	630	630	630	629	630	630	630	629	629	629	629	629	629	630	630	630	630	630
22	630	630	629	630	630	630	630	630	629	629	628	628	628	628	628	628	628	628	628	628	629	629	629	629	629	630
23	629	629	629	629	629	629	630	630	630	630	629	629	628	628	627	627	627	626	626	627	627	628	628	629	628	630
24	629	629	629	629	629	629	629	629	629	628	628	627	626	626	625	625	626	626	626	626	627	627	627	627	627	629
25	626	626	626	626	626	627	627	627	627	626	625	625	625	625	625	626	626	626	626	626	627	628	628	629	626	629
26	629	630	630	631	631	632	632	632	632	632	632	632	631	631	631	630	630	630	630	630	631	631	631	632	631	632
27	632	632	632	632	633	633	633	633	633	632	631	631	630	629	629	628	627	627	627	627	627	628	628	628	630	633
28	627	627	627	627	627	627	627	627	627	626	625	625	625	624	623	623	622	622	622	622	622	623	623	625	625	627
29	624	624	624	624	625	625	626	626	626	625	625	624	624	623	623	623	624	624	624	624	624	625	626	626	625	626
30	626	626	626	626	626	626	626	626	626	625	625	625	624	624	624	624	624	625	625	626	626	626	627	627	625	627
31	627	627	627	628	628	629	629	629	629	628	628	628	627	627	626	626	626	626	626	626	627	627	628	628	627	629
AV	630	630	630	630	630	630	631	631	631	630	630	629	629	629	628	628	628	628	628	628	628	629	629	629	629	[ ]
SD	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	[ ]

OUTPT [VERSION N 28 JUL 76]

BAROMETRIC PRESSURE
(MM OF MERCURY)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	628	628	628	628	629	629	630	630	630	629	629	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	629	630
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	627	627	626	626	625	625	625	626	626	626	627	627	626	627
3	627	627	627	627	627	628	628	627	627	627	626	626	626	626	625	625	625	624	624	625	625	626	626	626	626	628
4	626	627	627	627	628	628	629	629	629	628	628	628	628	627	627	627	627	627	627	627	627	628	628	629	628	629
5	629	629	630	630	631	631	631	631	631	630	630	630	630	629	629	629	628	628	628	628	628	629	629	629	629	631
6	630	630	630	630	630	630	631	631	630	630	630	629	629	629	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	630	631
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	627	626	626	626	626	626	627	627	627	627	627	627
8	627	628	628	628	628	629	629	629	628	628	628	627	627	627	626	625	624	624	624	624	625	626	627	627	627	629
9	627	627	627	628	628	629	629	629	629	628	627	627	627	626	626	625	625	625	625	625	625	626	626	626	627	629
10	626	626	626	626	626	626	626	626	626	625	624	624	623	622	621	620	620	619	619	620	621	622	623	623	623	626
11	623	623	624	624	624	625	625	625	625	625	625	625	624	624	624	624	624	625	626	627	627	628	628	628	625	628
12	628	628	628	629	629	629	630	630	630	629	629	628	628	627	627	627	626	626	626	626	627	627	627	627	628	630
13	627	626	626	626	627	627	627	626	626	625	624	624	624	624	624	623	624	625	627	629	630	631	632	632	627	632
14	633	633	633	634	634	634	634	634	633	633	633	633	633	632	632	632	632	632	632	633	634	634	635	635	633	635
15	635	635	635	636	636	636	636	636	635	635	634	633	632	632	631	630	629	629	628	628	628	629	629	629	632	636
16	628	628	627	627	627	627	626	626	626	625	625	625	621	624	624	619	624	624	624	625	626	628	627	617	625	628
17	622	627	627	627	628	628	628	628	629	629	628	628	628	629	629	629	630	630	630	630	631	631	632	632	629	632
18	632	632	632	633	633	633	634	633	633	633	633	632	632	632	631	631	631	631	631	631	632	633	633	633	632	634
19	634	634	634	634	634	635	635	635	635	634	634	633	632	631	631	630	629	629	629	629	629	629	629	629	632	635
20	630	630	630	630	630	630	631	631	630	629	628	627	627	626	626	626	626	625	625	625	625	625	626	626	628	631
21	627	627	628	628	628	629	629	629	628	628	627	627	626	626	625	625	625	624	624	624	625	625	625	625	626	629
22	625	625	625	626	627	628	628	628	627	627	626	627	626	625	625	625	625	627	628	628	628	629	629	629	627	629
23	629	629	630	630	630	630	631	630	630	630	630	630	629	629	618	628	628	628	629	630	631	632	632	633	629	633
24	633	633	633	633	634	634	634	634	634	633	633	632	631	631	630	630	629	629	629	629	630	630	631	631	632	634
25	631	630	631	631	631	631	631	630	630	629	628	627	626	626	625	625	624	624	623	624	624	624	625	625	627	631
26	626	626	627	627	629	629	630	631	631	631	631	631	631	631	630	629	629	629	629	629	630	631	631	632	630	632
27	632	632	633	633	633	634	634	634	634	634	633	633	632	631	631	630	630	630	630	630	631	632	632	633	632	634
28	633	633	633	634	634	635	635	635	635	634	634	633	632	632	631	630	630	629	629	629	630	630	631	631	632	633
29	631	631	631	631	632	632	632	632	632	631	630	630	629	629	628	627	627	626	626	626	627	627	628	628	629	632
30	629	629	629	629	630	630	630	630	630	629	628	628	628	627	627	627	627	627	628	628	628	628	628	628	628	630
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	629	629	629	630	630	630	630	630	630	630	629	629	628	628	627	627	627	627	627	627	628	628	629	628	629	[ ]
SD	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	[ ]

OUTPT [VERSION N 28 JUL 76]

BAROMETRIC PRESSURE
(MM OF MERCURY)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	628	628	629	629	629	629	629	629	629	628	627	627	627	626	626	626	625	625	625	625	625	625	626	626	627	629
2	626	626	626	627	627	627	628	628	628	627	627	626	626	625	624	624	624	624	624	624	625	627	627	628	626	628
3	629	629	629	630	630	631	632	632	632	631	631	631	630	629	629	628	628	628	628	628	629	629	630	630	630	632
4	630	631	631	632	632	633	633	633	633	632	632	631	630	629	629	628	628	628	628	628	628	629	630	630	630	633
5	630	631	631	632	632	633	633	633	633	632	631	631	630	629	629	628	628	627	627	627	628	628	629	629	630	633
6	629	630	630	630	631	631	631	632	632	631	630	630	629	628	627	627	627	626	627	627	628	628	628	628	629	632
7	629	629	629	629	630	630	630	630	630	629	629	628	628	627	627	627	626	626	626	626	627	628	628	628	628	630
8	628	628	628	629	629	630	630	630	630	629	629	628	628	627	627	627	626	626	626	626	627	627	628	628	628	630
9	628	628	628	629	629	630	630	630	629	629	629	628	628	627	627	626	626	626	626	626	626	627	628	629	628	630
10	628	628	628	629	629	630	630	630	630	630	629	629	628	628	627	627	627	627	627	628	628	629	629	629	629	630
11	629	629	629	629	630	630	630	630	629	629	628	627	627	626	625	625	625	625	625	626	626	626	627	627	627	630
12	627	627	627	627	627	627	627	627	627	627	627	626	626	626	626	626	626	625	625	626	627	628	628	628	627	628
13	628	628	628	628	629	629	629	629	629	629	629	628	628	627	627	626	626	626	626	626	627	627	628	625	628	629
14	629	629	629	630	630	630	631	631	631	630	608	629	628	628	628	628	628	628	628	628	629	629	630	630	628	631
15	630	631	631	632	632	633	633	633	633	633	632	632	631	631	630	630	630	630	629	630	630	631	631	632	631	633
16	632	632	632	633	633	634	634	634	634	634	633	633	632	631	630	630	629	629	629	629	629	630	630	631	632	634
17	631	632	632	632	632	633	633	633	632	632	631	630	629	629	628	628	628	628	629	631	631	632	633	632	631	633
18	633	632	631	631	631	632	632	632	632	632	631	631	631	630	630	630	631	630	630	631	631	631	631	631	631	633
19	631	631	631	631	631	632	632	632	632	632	632	631	631	630	630	630	629	629	630	630	631	632	633	633	631	633
20	633	633	633	633	633	634	634	634	634	633	633	632	632	631	630	630	631	631	630	631	631	631	631	631	632	634
21	631	632	632	632	632	632	632	632	632	632	631	631	630	629	629	629	628	628	628	628	629	630	630	630	630	632
22	631	631	631	632	632	632	633	633	633	632	632	631	631	630	630	630	629	629	629	629	630	631	631	632	631	633
23	632	632	633	633	633	634	634	634	634	634	[PF]	[PF]	632	631	631	630	630	630	629	630	630	631	631	632	632	634
24	632	633	633	633	633	634	634	634	633	632	632	631	630	630	629	628	628	627	627	628	628	629	629	630	631	634
25	630	630	630	631	631	631	632	632	632	631	631	631	630	629	630	631	632	631	631	632	633	633	633	633	631	633
26	632	633	633	633	633	633	633	633	634	634	633	632	631	630	629	629	628	628	627	628	628	629	629	629	631	634
27	629	630	630	630	630	630	631	631	631	630	630	629	629	628	628	627	627	627	627	627	628	628	629	629	629	631
28	630	630	630	630	630	631	631	631	631	631	630	629	628	628	627	627	626	626	626	627	627	628	628	629	629	631
29	629	629	629	629	630	630	630	630	630	629	628	627	627	626	626	626	626	626	626	626	627	627	628	628	628	630
30	628	629	629	629	630	630	631	631	631	630	630	630	629	628	627	626	626	626	626	627	628	629	629	629	629	631
31	630	630	631	632	632	632	632	632	631	631	630	629	628	628	627	626	625	626	626	628	630	631	631	631	630	632
AV	630	630	630	631	631	631	631	631	631	631	630	630	629	628	628	628	628	627	627	628	628	629	629	630	629	[ ]
SD	2	2	2	2	2	2	2	2	2	2	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	[ ]

OUTPT [VERSION N 28 JUL 76]

RELATIVE HUMIDITY
(PERCENT)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	61	63	67	72	76	78	78	71	55	46	37	30	25	21	18	16	14	11	9	11	22	34	39	40	41	78
2	44	47	50	54	62	65	62	57	47	38	29	21	16	15	13	11	9	9	9	10	20	29	35	39	33	65
3	42	48	52	56	59	61	62	59	51	40	34	28	21	18	16	16	17	17	16	21	25	24	25	27	35	62
4	31	34	37	38	40	42	43	41	37	33	30	29	27	25	25	25	26	30	34	37	42	46	50	55	36	55
5	58	63	68	73	78	81	76	68	57	46	37	30	25	22	22	22	23	25	32	39	42	46	52	60	48	81
6	73	84	86	85	88	91	88	88	82	73	69	76	88	89	80	78	66	68	69	74	82	84	84	84	80	91
7	85	85	85	86	85	86	84	84	83	74	63	57	52	47	42	37	37	36	51	67	75	79	80	82	68	86
8	79	81	81	78	80	86	90	89	85	82	76	73	64	56	49	57	73	77	76	77	78	78	78	80	76	90
9	80	81	81	81	82	85	84	76	65	57	50	49	40	35	32	29	27	29	41	53	62	67	67	68	59	85
10	75	80	83	84	84	86	83	74	62	55	49	43	34	28	30	30	27	24	25	29	41	56	62	60	54	86
11	76	71	69	71	73	74	73	65	54	47	40	32	28	48	41	32	23	18	17	16	17	19	17	17	43	76
12	22	29	40	49	56	60	58	55	44	32	27	25	23	20	18	16	15	13	12	13	17	25	37	46	31	60
13	50	50	55	61	64	68	66	58	49	37	27	22	19	19	19	18	16	15	15	16	24	36	44	48	37	68
14	52	58	63	65	69	71	69	62	51	42	34	26	22	18	14	13	11	8	7	9	13	16	18	17	35	71
15	14	16	29	45	55	62	66	64	62	60	56	53	51	51	50	45	45	47	48	50	52	54	55	57	49	66
16	61	64	67	72	76	74	66	61	57	55	49	41	35	31	29	28	27	25	24	27	37	48	55	59	49	76
17	63	64	67	70	73	73	67	55	45	37	30	27	26	23	18	14	14	14	14	17	22	27	28	32	38	73
18	38	41	46	53	58	61	57	48	40	33	22	18	18	13	10	11	12	13	14	15	18	21	25	29	30	61
19	34	37	40	40	40	44	50	50	43	38	36	36	37	47	54	52	56	54	55	54	55	58	61	67	47	67
20	71	73	75	76	81	82	77	72	66	58	49	48	60	62	55	47	47	47	49	53	63	73	76	75	64	82
21	74	77	80	83	85	83	77	66	57	57	63	69	63	88	83	75	64	71	86	83	84	85	87	86	77	88
22	87	89	90	90	87	87	84	81	74	65	56	46	59	68	60	59	56	53	57	60	63	70	75	80	71	90
23	81	83	85	81	79	82	82	75	66	59	49	42	36	32	28	25	24	23	26	33	42	52	63	69	55	85
24	71	72	77	77	73	73	71	66	59	50	42	37	37	36	27	22	37	51	54	62	71	72	74	74	58	77
25	77	81	82	86	86	82	78	68	55	46	41	35	29	30	31	48	74	59	45	47	53	61	68	72	60	86
26	74	77	80	80	80	77	70	59	47	38	32	28	25	23	20	19	19	19	17	18	25	36	44	49	44	80
27	53	58	61	66	72	72	66	56	44	[MT]	32	28	24	22	20	20	17	16	14	14	16	20	24	29	37	72
28	33	35	37	42	49	56	57	51	46	38	29	36	44	30	20	14	12	10	8	9	11	13	16	19	30	57
29	24	29	34	37	40	43	46	49	47	42	37	33	28	24	23	23	30	36	35	33	34	38	45	50	36	50
30	53	59	66	70	73	78	78	70	60	53	49	45	40	35	33	31	30	36	53	64	65	68	74	79	57	79
31	83	86	85	86	90	91	85	73	61	50	42	35	27	21	21	20	17	14	12	13	17	23	30	36	47	91
AV	59	62	65	68	71	73	71	65	56	49	42	39	37	35	32	31	31	31	33	36	42	47	51	54	49	[ ]
SD	21	20	18	16	15	13	12	12	12	13	13	15	18	20	18	18	19	20	22	23	23	22	22	21	15	[ ]

OUTPT [VERSION N 28 JUL 76]

RELATIVE HUMIDITY
(PERCENT)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	39	42	46	51	57	60	61	56	45	35	28	23	19	18	17	16	14	12	12	12	13	15	18	19	30	61
2	24	29	32	36	42	49	53	50	43	35	28	20	18	15	12	11	11	11	11	12	14	16	20	25	26	53
3	26	26	29	32	36	38	36	32	27	21	17	16	15	14	13	12	11	10	10	10	12	15	18	19	21	38
4	23	27	28	32	37	41	38	32	26	23	19	17	15	14	13	12	11	12	12	12	13	16	20	24	22	41
5	28	31	34	39	42	44	40	35	31	28	24	20	16	15	15	14	12	11	11	12	14	18	23	26	24	44
6	29	31	33	34	37	39	40	36	30	26	23	21	20	20	20	19	20	22	27	31	34	36	38	39	29	40
7	40	42	46	53	60	60	55	47	40	36	31	28	29	24	21	21	22	25	27	29	32	34	37	42	37	60
8	48	52	55	58	62	60	53	44	36	34	27	27	27	27	28	27	24	23	22	21	21	26	32	36	36	62
9	41	42	44	49	53	55	52	46	41	36	29	22	18	16	14	13	13	13	13	14	15	19	23	28	30	55
10	32	35	36	38	41	41	36	30	26	23	21	20	20	18	17	15	12	12	13	14	24	43	52	57	28	57
11	61	65	67	69	68	66	61	54	45	37	32	32	33	35	34	32	33	46	55	67	80	79	84	78	55	84
12	67	65	69	74	78	77	69	59	51	44	38	35	33	31	30	28	27	28	20	30	33	35	38	41	46	79
13	44	47	48	50	53	54	53	51	50	46	43	42	43	44	45	53	61	76	93	89	87	86	84	82	59	93
14	79	80	80	75	70	64	55	47	40	34	30	28	23	21	18	15	14	13	13	21	32	39	46	55	41	80
15	63	69	72	72	75	79	79	69	55	44	38	33	28	25	22	19	15	11	8	8	12	17	19	19	40	79
16	21	21	21	22	24	29	36	40	36	29	23	23	19	19	20	22	23	26	30	32	33	39	66	79	31	79
17	76	77	81	86	88	88	84	76	67	58	51	44	38	31	43	37	43	50	59	66	64	74	77	77	64	88
18	85	91	91	91	92	89	78	65	58	53	47	38	25	16	14	13	11	10	10	13	23	37	45	49	48	92
19	56	65	70	72	76	78	73	62	52	46	41	36	29	19	13	10	10	10	10	10	12	15	23	32	38	78
20	39	46	52	56	58	61	60	55	47	36	27	17	14	13	11	9	8	10	12	13	14	15	15	16	29	61
21	18	18	18	20	23	26	26	22	18	16	13	9	8	7	7	7	7	7	8	10	14	19	25	31	16	51
22	36	39	38	39	64	85	79	79	79	67	77	87	86	74	55	46	61	80	83	82	84	79	74	78	69	87
23	81	82	86	86	85	79	63	45	34	28	27	23	17	13	11	9	8	8	7	7	10	17	28	43	37	86
24	54	60	66	67	71	70	61	51	41	32	26	21	17	12	9	8	7	7	8	9	12	14	17	22	32	71
25	29	36	43	51	59	59	53	45	33	24	20	14	10	10	9	8	9	9	8	8	9	10	13	18	24	59
26	23	26	29	32	37	43	43	35	29	25	22	21	17	15	12	11	11	10	11	12	16	22	26	29	23	43
27	33	38	41	45	49	51	47	40	35	30	25	20	16	12	9	8	7	7	8	9	9	13	18	24	25	51
28	27	30	33	38	42	45	43	38	33	28	24	20	16	12	9	8	7	5	5	6	9	12	16	20	22	45
29	23	27	33	38	41	43	41	36	30	27	24	21	18	15	12	11	10	9	10	13	16	18	21	25	23	43
30	28	31	33	35	38	42	44	40	34	31	29	28	26	27	26	27	34	43	56	60	63	60	65	65	40	65
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	42	46	48	51	55	57	54	47	40	34	30	27	24	21	19	18	19	21	22	24	28	31	36	40	35	[ ]
SD	20	20	20	19	18	17	15	13	13	11	12	14	14	13	12	11	14	19	23	23	23	22	22	21	13	[ ]

OUTPT [VERSION N 28 JUL 76]

RELATIVE HUMIDITY
(PERCENT)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	60	57	64	65	63	61	58	56	50	45	41	49	54	45	37	31	26	23	23	25	30	39	44	47	46	65
2	52	51	47	49	54	56	53	50	47	48	40	34	29	26	17	9	7	7	7	8	12	15	17	23	32	56
3	38	51	54	55	58	59	57	50	44	41	37	31	23	17	15	14	14	14	14	15	17	18	19	22	32	59
4	24	26	28	30	34	38	37	34	29	24	20	18	15	13	12	10	8	7	6	6	7	9	12	14	19	38
5	17	20	24	26	28	31	32	30	26	23	21	18	15	13	11	10	9	9	10	10	12	15	20	23	19	32
6	25	25	27	28	29	32	34	33	29	26	24	20	17	16	13	13	12	12	15	17	20	23	25	28	23	34
7	30	33	34	35	37	37	40	38	33	29	26	23	23	21	22	24	22	22	24	25	27	29	31	34	29	40
8	36	39	41	45	52	57	54	48	36	31	29	25	20	17	16	16	16	16	15	19	24	27	30	32	31	57
9	34	35	34	35	38	41	41	37	31	27	25	22	18	15	15	15	14	14	15	17	20	23	28	31	26	41
10	32	33	35	38	42	47	47	43	38	34	30	27	24	21	18	18	20	20	21	22	24	27	32	37	30	47
11	41	47	53	56	57	59	56	50	44	40	36	32	28	25	22	21	22	22	25	29	32	35	38	42	38	59
12	45	45	44	44	46	48	49	47	43	41	41	39	38	42	48	55	53	48	47	49	48	51	54	59	47	59
13	57	58	65	76	84	81	71	65	59	51	44	39	33	25	18	15	15	16	17	19	22	26	29	33	42	84
14	37	41	46	51	54	56	53	48	40	29	23	20	18	18	19	21	20	20	20	22	26	31	33	37	33	56
15	41	45	48	51	56	58	54	48	41	35	29	25	22	18	15	14	13	13	13	13	16	20	24	26	31	58
16	29	32	35	39	43	45	45	43	38	32	26	24	21	18	16	14	13	13	13	14	17	19	23	28	27	45
17	32	35	38	41	45	50	48	44	40	38	35	33	31	40	34	31	34	37	55	75	83	84	88	86	48	88
18	87	79	84	86	88	87	83	74	64	61	66	70	59	50	47	47	52	52	50	55	63	66	69	73	67	88
19	74	72	76	75	78	81	72	60	53	46	41	34	30	25	24	33	29	27	37	49	55	53	84	77	54	84
20	71	84	87	88	88	83	72	67	57	49	42	34	27	26	22	27	37	36	37	42	48	58	68	72	55	88
21	73	74	75	77	80	79	69	56	45	34	29	25	18	13	11	10	12	12	13	15	20	28	35	40	39	80
22	45	52	58	61	65	64	58	50	39	33	27	22	15	14	12	11	13	13	13	14	18	24	32	36	33	65
23	39	45	49	51	52	55	51	45	38	32	26	22	18	14	12	11	10	11	10	11	12	14	23	30	28	55
24	32	34	38	42	49	53	49	43	35	30	26	24	23	22	19	17	20	24	24	25	28	31	31	34	31	53
25	36	40	42	44	47	49	49	46	43	41	39	35	35	39	43	61	75	71	74	72	70	75	79	81	54	81
26	82	84	87	86	83	80	73	68	61	55	45	41	36	31	31	37	38	34	33	36	47	52	51	48	55	87
27	50	58	64	71	79	76	70	60	47	35	24	18	15	14	12	12	12	13	16	19	23	30	39	44	38	79
28	47	47	52	53	57	60	58	50	45	35	28	22	17	14	17	19	17	17	17	21	25	30	34	37	34	60
29	39	41	45	49	51	53	50	46	41	36	31	28	26	28	28	28	26	26	26	28	30	31	34	35	36	53
30	37	39	42	42	53	58	57	54	51	49	45	40	34	32	31	29	28	28	44	53	54	57	59	63	45	63
31	67	72	77	81	83	83	78	70	60	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	75	83
AV	45	48	51	54	57	59	55	50	43	38	33	30	26	24	22	22	23	23	24	28	31	35	40	42	39	[ ]
SD	18	17	18	18	17	16	13	11	10	9	10	11	11	10	11	13	15	14	16	18	19	19	20	19	13	[ ]

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.0	1.5	3.5	3.0	3.5	1.0	1.0	2.0	2.5	3.5	6.0	6.5	5.5	7.5	7.5	6.0	7.5	6.5	3.5	4.0	4.0	1.0	.5	2.5	4.0	7.5
2	2.0	3.5	1.5	1.0	1.5	1.0	2.5	2.0	3.5	2.5	4.0	5.5	5.5	7.5	6.5	5.0	5.0	4.5	1.5	2.0	4.0	2.5	3.5	2.5	3.5	7.5
3	1.0	3.0	4.5	1.5	4.0	3.5	2.5	3.5	2.5	3.5	3.0	3.0	4.0	10.0	16.5	15.5	13.0	14.0	12.0	9.5	15.5	12.5	6.0	11.5	7.5	16.5
4	5.5	15.5	18.0	17.0	15.5	12.5	17.0	23.5	19.5	21.5	21.0	19.0	19.0	17.0	14.0	14.0	15.5	20.5	10.5	9.5	4.5	7.0	5.0	5.0	14.5	23.5
5	6.0	2.0	1.0	2.0	1.0	2.5	.5	1.0	2.5	3.5	3.5	5.5	11.5	10.5	11.0	9.5	8.5	14.0	17.5	10.0	7.0	11.0	7.0	10.5	6.5	17.5
6	9.5	10.5	6.0	5.5	8.0	6.5	1.5	3.0	9.5	5.0	7.5	7.0	13.5	4.5	3.5	9.5	7.0	2.5	3.0	7.5	3.5	2.5	2.5	4.0	6.0	13.5
7	1.0	.5	.5	1.0	2.0	3.0	1.5	4.5	8.5	11.0	8.5	9.0	11.0	8.5	7.0	8.0	4.0	3.5	5.5	5.0	4.0	3.0	2.0	3.5	5.0	11.0
8	4.5	4.5	8.0	11.5	5.0	3.0	5.5	2.0	5.5	6.0	5.0	6.5	4.5	5.0	4.5	12.5	10.5	5.5	6.0	6.0	9.5	7.0	6.0	3.0	6.0	12.5
9	1.5	4.0	4.5	3.5	2.5	2.5	1.0	1.5	1.5	4.0	4.0	5.0	5.5	6.0	6.5	7.5	9.5	12.5	17.0	14.0	12.5	8.5	9.0	4.0	6.0	17.0
10	2.0	3.0	1.0	3.0	3.0	1.5	1.0	1.5	3.0	4.0	4.0	4.5	4.5	10.0	13.0	8.0	9.0	7.0	6.0	2.5	1.0	7.0	6.5	3.5	4.5	13.0
11	3.0	2.0	2.0	1.5	4.0	3.0	3.5	1.5	2.5	2.0	10.5	18.0	18.5	8.5	17.5	24.0	26.5	24.0	24.0	21.5	21.0	13.0	7.5	6.0	11.0	26.5
12	3.0	3.0	3.0	3.0	3.0	2.0	2.0	3.0	4.0	12.0	22.5	19.5	17.0	12.5	13.0	12.5	13.0	14.5	14.5	12.5	6.5	2.0	1.0	5.5	6.5	22.5
13	2.5	2.5	2.5	2.5	4.0	2.0	1.5	2.5	2.5	2.5	4.5	4.0	5.0	6.5	7.0	7.0	5.5	5.5	4.5	4.5	5.0	7.0	7.5	2.5	4.0	7.5
14	2.5	1.0	1.5	1.5	.5	1.0	1.0	2.0	3.0	1.5	2.0	3.0	6.5	9.0	9.5	8.5	14.0	16.0	12.5	18.0	16.0	11.5	17.0	14.5	7.0	18.0
15	11.0	8.0	13.0	15.5	12.5	15.0	20.5	16.0	16.0	15.5	12.5	11.5	16.0	18.0	20.5	18.5	17.5	18.5	17.0	17.5	19.0	18.0	17.5	18.5	16.0	20.5
16	11.5	7.0	6.5	8.0	4.5	6.0	6.5	7.0	7.0	7.5	7.0	7.5	6.5	6.0	5.0	5.5	4.5	3.0	3.0	4.5	4.0	1.0	1.0	.5	5.5	11.5
17	.5	1.5	1.0	1.0	1.0	.5	1.0	1.5	1.5	1.5	3.0	3.0	5.5	7.0	7.0	6.0	5.0	5.5	3.5	5.0	7.5	3.0	4.0	3.0	3.5	7.5
18	2.0	4.0	5.5	2.5	3.0	4.0	1.5	1.5	2.0	3.0	5.0	6.5	7.0	16.5	17.0	17.0	12.5	16.5	6.0	13.0	13.0	2.0	4.0	6.0	7.0	17.0
19	7.0	2.0	8.0	10.5	9.5	1.0	.5	2.0	2.5	5.5	6.5	7.0	6.0	14.5	10.5	10.5	15.0	9.5	6.5	6.0	15.5	13.0	9.0	4.5	7.5	15.5
20	6.5	6.5	4.0	6.0	7.0	7.5	7.5	3.5	5.0	3.0	4.5	7.5	17.5	9.5	17.0	13.5	10.0	9.0	9.0	4.5	3.5	2.0	4.0	2.5	7.0	17.5
21	2.5	4.0	1.0	2.5	2.0	2.0	2.0	2.5	3.5	5.0	12.5	15.5	20.5	9.5	6.5	1.0	2.0	5.0	4.5	1.0	1.0	6.0	4.5	6.5	5.0	20.5
22	4.0	.5	.5	1.0	1.0	2.0	1.0	1.0	1.0	2.0	5.0	7.0	12.0	9.5	14.0	13.5	14.5	14.0	12.0	3.0	1.5	1.0	4.5	10.5	5.5	14.5
23	6.5	3.0	1.5	2.5	3.0	5.0	3.0	3.5	3.5	4.0	4.0	4.5	6.0	6.5	6.0	5.0	3.0	8.5	8.5	8.5	4.5	3.0	7.5	7.0	5.0	8.5
24	10.5	6.0	12.5	8.0	16.0	5.5	5.5	2.5	3.5	4.5	4.5	5.0	5.0	5.5	12.0	12.5	11.5	10.0	6.0	2.5	3.5	2.0	2.0	5.0	6.5	16.0
25	4.5	4.0	1.5	3.0	2.5	2.5	2.5	2.5	3.0	4.0	3.0	6.5	15.5	14.5	14.0	16.0	6.5	4.5	5.0	5.5	2.0	1.5	3.0	2.5	5.5	16.0
26	2.5	3.0	3.0	2.5	2.5	1.0	1.5	3.0	3.5	4.5	5.5	5.5	7.5	7.5	5.5	5.5	6.5	4.5	4.5	5.5	5.0	3.5	1.0	1.0	4.0	7.5
27	1.0	3.0	2.5	2.5	1.5	2.0	1.5	3.0	3.0	3.5	4.0	5.0	8.5	10.5	9.0	9.5	10.0	10.0	8.5	4.5	4.0	2.5	2.0	2.5	5.0	10.5
28	3.5	3.5	6.5	3.0	2.5	2.5	1.0	1.0	6.5	5.0	6.0	12.5	9.0	7.0	16.0	19.0	17.5	17.0	17.0	19.0	17.5	16.5	9.0	4.0	9.5	19.0
29	3.0	3.5	3.0	2.5	4.5	3.5	2.0	1.5	2.5	4.5	6.0	5.0	7.0	8.5	9.0	19.0	16.5	13.0	13.0	8.5	7.0	6.5	3.5	1.5	6.5	19.0
30	2.0	2.5	3.5	6.0	3.5	2.5	2.5	6.0	3.5	4.0	6.5	7.0	9.5	8.0	16.0	3.5	16.5	14.5	17.0	13.5	9.5	3.5	4.5	5.5	7.0	17.0
31	2.5	2.0	1.5	2.0	1.0	1.5	1.0	1.0	5.0	4.5	4.5	5.5	8.0	11.5	7.0	7.5	10.5	14.0	7.0	2.5	3.5	4.0	2.5	2.0	4.5	14.0
AV	4.0	4.0	4.5	4.5	4.5	3.5	3.5	3.5	4.5	5.5	6.5	7.5	9.5	9.5	10.5	10.5	10.5	10.5	9.5	8.0	7.5	6.0	5.5	5.0	6.5	[ ]
SD	3.1	3.0	4.0	4.1	3.9	3.2	4.4	4.5	4.0	4.2	4.7	4.5	5.0	3.5	4.6	5.3	5.3	5.6	5.5	5.4	5.6	4.8	4.0	4.0	2.8	[ ]

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.0	4.5	3.5	3.5	2.0	3.0	3.0	3.0	3.5	4.5	5.0	7.0	7.0	9.5	14.0	16.0	16.5	17.5	14.0	7.0	6.0	2.5	3.0	2.5	6.5	17.5
2	2.5	2.5	3.5	4.5	3.5	4.0	3.0	5.5	7.5	8.0	6.0	7.0	16.5	13.5	20.5	19.5	15.5	16.5	17.0	11.0	7.5	9.5	2.5	3.5	9.0	20.5
3	3.0	4.5	4.0	5.5	5.0	4.5	3.5	4.0	3.5	14.5	22.5	23.0	24.5	20.5	19.0	21.0	21.5	20.0	17.5	13.5	9.0	16.5	10.0	6.5	12.5	24.5
4	3.0	4.5	4.5	2.5	4.0	5.0	3.0	5.0	5.5	4.0	13.5	20.5	19.5	20.5	17.5	17.5	18.0	15.0	14.5	11.5	5.5	10.5	5.5	2.5	9.5	20.5
5	5.0	3.5	2.0	4.5	2.0	3.0	3.0	2.5	4.0	2.5	4.5	6.5	14.0	14.0	14.0	15.5	15.5	14.0	14.0	14.0	10.0	1.5	1.5	1.0	7.0	15.5
6	1.0	1.0	2.0	1.5	5.0	5.0	2.0	2.5	2.5	14.5	20.0	20.5	19.5	19.0	18.5	15.5	14.5	16.0	22.5	23.0	19.0	19.5	22.0	15.0	12.5	23.0
7	6.5	7.0	4.5	3.0	5.0	3.0	1.0	2.0	4.0	5.5	10.5	14.0	14.0	10.5	14.0	15.0	16.5	17.0	18.5	12.5	11.5	3.5	4.0	3.0	8.5	18.5
8	2.5	3.0	4.5	5.0	2.5	3.0	3.0	2.0	15.0	17.0	19.5	22.0	21.0	23.5	18.0	12.0	17.0	17.0	15.5	14.5	10.0	12.5	4.5	3.5	11.0	23.5
9	2.5	2.0	3.5	2.5	3.5	2.5	2.0	6.5	9.0	4.5	8.0	20.0	21.0	18.5	18.5	18.0	19.5	21.0	19.0	15.5	8.5	11.5	4.0	3.0	10.0	21.0
10	2.5	1.5	3.0	3.0	5.0	2.5	9.0	14.5	22.0	22.5	21.5	22.0	22.5	24.0	25.5	29.5	28.0	26.0	23.5	20.5	14.0	8.5	10.0	4.5	15.0	29.5
11	2.0	3.0	4.0	4.0	8.5	7.5	4.0	8.5	17.0	21.5	21.0	21.0	21.0	13.5	16.0	19.0	19.0	21.5	17.5	18.5	8.0	7.5	12.0	12.0	13.0	21.5
12	6.0	4.0	3.5	3.5	2.5	2.5	4.0	4.0	8.5	11.5	13.5	14.5	13.0	13.0	16.5	16.0	14.0	11.5	14.5	10.5	9.5	5.0	4.0	2.5	8.5	16.5
13	6.5	5.5	5.0	4.5	4.0	3.5	2.5	4.0	6.0	8.5	10.0	15.5	11.5	10.5	11.0	15.5	17.0	20.0	10.0	11.5	12.5	7.5	10.5	15.5	9.5	20.0
14	11.0	11.0	11.0	10.5	12.5	11.0	12.0	9.0	9.0	11.5	10.5	10.0	9.0	7.0	6.5	7.0	6.5	8.5	17.0	21.0	14.0	8.0	3.0	3.0	10.0	21.0
15	2.0	3.0	2.5	1.5	2.0	2.5	1.5	2.5	3.5	4.5	5.0	5.0	5.0	5.5	5.0	6.5	6.5	5.0	2.5	10.0	18.0	13.0	11.0	14.5	6.0	18.0
16	12.5	11.0	7.0	3.0	3.5	4.0	4.0	4.5	3.5	6.0	8.5	6.0	10.0	13.5	13.5	16.0	19.5	18.5	7.0	16.5	19.5	17.0	16.0	10.5	10.5	19.5
17	5.5	3.0	2.5	2.0	1.0	2.0	2.0	2.5	3.5	2.5	4.5	7.5	9.5	10.0	10.5	10.0	9.5	9.0	8.0	9.0	5.5	12.0	12.0	5.0	6.0	12.0
18	1.0	3.0	3.0	1.0	1.5	2.5	1.5	2.0	3.5	4.5	7.5	11.0	8.5	8.5	10.5	8.0	9.5	12.5	12.0	14.5	18.0	19.0	12.5	10.0	7.5	19.0
19	5.0	3.0	3.5	2.5	2.5	2.5	2.0	2.5	3.5	4.0	5.0	5.0	5.5	7.0	7.0	7.0	5.5	5.0	4.5	8.5	6.5	3.0	2.5	2.0	4.5	8.5
20	2.5	3.5	4.5	4.0	4.5	5.0	2.5	2.5	4.0	8.0	7.0	11.5	14.0	21.0	22.0	21.0	20.5	19.0	21.5	22.0	20.5	21.5	13.0	11.5	12.0	22.0
21	12.0	13.5	7.5	4.0	3.5	1.5	1.5	3.0	5.0	7.0	13.5	18.5	19.0	17.0	19.0	20.0	16.5	16.5	17.0	17.0	16.5	17.5	16.0	16.0	12.5	20.0
22	15.5	16.0	18.5	23.5	34.0	17.5	16.0	16.0	21.0	17.0	15.5	7.0	6.0	12.5	12.5	16.5	14.0	17.0	6.0	5.0	4.0	4.5	10.5	3.5	13.5	34.0
23	3.5	3.5	5.5	1.5	2.5	3.5	3.5	5.0	10.5	10.0	9.5	10.0	13.0	13.0	14.5	17.5	21.5	23.5	26.0	23.5	16.0	8.0	4.0	5.0	10.5	26.0
24	2.5	2.5	2.0	2.5	2.0	2.5	2.5	1.0	5.0	7.5	10.0	8.0	9.0	12.5	11.0	7.5	6.0	14.5	19.0	19.0	15.5	15.5	7.5	4.5	8.0	19.0
25	4.0	4.5	2.5	2.0	2.0	2.0	2.5	2.5	3.0	4.5	10.5	18.5	20.0	17.5	21.0	17.5	16.5	14.0	18.5	17.5	17.0	13.5	14.0	5.0	10.5	21.0
26	5.0	4.0	5.5	5.0	2.5	2.0	3.5	9.5	9.0	10.0	13.5	12.5	8.0	7.0	8.5	8.0	10.0	8.0	8.0	6.0	6.0	2.0	2.5	2.5	6.5	13.5
27	4.0	4.5	2.5	3.0	1.5	1.0	1.5	3.0	3.5	3.0	3.5	4.5	8.5	12.5	12.0	8.0	10.0	11.5	9.5	10.5	7.5	3.5	3.5	3.5	5.5	12.5
28	3.5	3.0	5.5	2.5	2.5	3.5	2.5	2.5	3.5	3.5	7.5	5.0	[MT]	6.0	8.0	9.0	5.5	7.0	7.0	8.0	7.5	4.5	4.0	6.0	5.0	9.0
29	7.5	3.0	3.5	3.0	1.5	2.0	1.0	2.0	4.5	4.5	3.5	4.5	5.5	9.0	17.0	15.0	6.0	6.0	13.5	15.5	18.5	22.5	21.5	22.0	9.0	22.5
30	17.0	20.0	13.5	6.0	3.0	3.0	2.5	3.0	9.5	16.0	16.5	17.0	17.5	22.0	18.0	20.0	23.5	7.0	7.5	15.0	9.0	5.5	6.5	7.5	12.0	23.5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5.5	5.5	5.0	4.0	4.5	4.0	3.5	4.5	7.0	9.0	11.0	12.5	13.5	13.5	14.5	15.0	14.5	14.5	14.0	14.0	11.5	10.0	8.5	7.0	9.5	[ ]
SD	4.1	4.4	3.5	4.0	5.9	3.2	3.2	3.5	5.2	5.6	5.7	6.3	5.9	5.4	4.9	5.4	5.9	5.6	5.9	4.9	5.0	6.1	5.6	5.3	2.7	[ ]

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	6.0	5.5	8.5	4.0	3.5	7.0	7.5	5.0	11.0	9.5	8.0	10.5	8.5	17.5	9.0	11.0	9.0	12.5	11.5	8.5	9.0	3.0	6.0	2.5	8.0	12.5
2	5.0	17.0	21.0	20.0	12.5	5.0	5.5	5.0	6.0	4.5	5.0	6.0	7.5	8.5	14.5	20.0	17.5	17.0	12.5	8.5	7.0	2.5	6.0	10.0	10.0	21.0
3	15.0	15.0	11.5	4.0	4.5	5.0	2.0	4.0	3.5	4.0	4.5	6.0	5.0	9.5	8.0	6.5	9.0	5.0	5.5	8.0	4.0	3.0	3.5	2.5	6.0	15.0
4	3.5	3.0	2.0	2.5	3.0	1.5	2.0	2.5	4.0	4.0	4.5	4.5	5.5	13.5	12.0	12.0	17.0	13.5	12.0	7.5	4.5	3.0	6.0	5.0	6.0	17.0
5	4.0	3.5	3.0	3.5	3.0	2.5	2.5	3.0	3.5	5.0	7.5	8.0	6.5	8.5	8.5	9.5	7.0	7.0	6.5	8.5	8.0	2.5	2.0	3.5	5.5	9.5
6	4.0	3.5	4.5	2.5	3.0	3.5	3.0	2.5	4.5	4.5	4.0	6.0	6.5	5.5	9.0	9.0	6.5	13.5	14.5	9.0	9.0	4.0	4.0	4.5	6.0	14.5
7	3.5	4.5	5.5	5.0	4.5	3.5	4.0	3.0	3.5	4.5	10.0	14.5	10.5	13.5	26.0	11.5	8.5	19.5	25.5	16.0	17.5	14.5	19.5	16.5	11.0	26.0
8	15.5	5.5	5.5	4.5	4.5	2.5	2.0	3.0	3.0	5.5	8.0	8.5	10.0	10.0	8.5	8.5	9.5	6.5	4.0	12.0	14.5	5.0	4.5	5.5	7.0	15.5
9	4.0	3.5	5.5	5.0	3.5	3.0	3.0	3.0	5.0	7.0	7.0	8.0	8.0	11.5	13.5	11.0	7.5	5.5	4.0	4.5	4.0	6.5	17.0	19.5	7.0	19.5
10	7.5	6.0	4.5	4.0	4.5	2.0	2.0	3.5	3.5	4.5	5.5	6.0	6.5	8.0	10.0	17.0	13.5	8.0	7.5	7.5	18.5	18.0	10.0	6.0	7.5	18.5
11	2.5	3.0	2.5	2.5	2.5	3.5	2.0	1.5	2.5	4.0	5.0	5.5	6.5	7.5	9.0	14.0	11.5	9.0	19.5	6.5	5.0	9.5	4.5	3.5	6.0	19.5
12	4.5	5.5	12.0	13.5	14.0	5.0	2.0	6.0	7.0	8.0	4.5	6.0	13.5	17.0	9.5	10.5	10.5	15.5	9.5	9.5	12.0	6.5	8.0	9.0	9.0	17.0
13	9.0	7.0	2.0	3.5	4.0	3.0	3.5	2.5	3.0	4.0	5.5	5.5	8.0	11.5	10.0	8.5	10.5	8.0	3.5	6.5	6.5	2.5	6.5	3.0	5.5	11.5
14	3.5	3.5	2.5	3.5	4.0	2.5	3.0	2.5	2.5	7.5	10.0	10.5	8.5	10.0	18.0	17.5	10.5	10.5	9.0	7.0	3.0	4.0	6.0	6.0	7.0	18.0
15	5.0	2.5	2.5	3.5	4.0	2.0	2.0	2.0	4.5	7.0	7.5	6.5	8.5	8.0	6.0	8.0	6.5	5.0	2.5	4.0	5.5	6.0	4.0	2.5	5.0	8.5
16	2.5	3.5	2.0	1.5	3.5	2.5	1.5	1.5	2.5	3.5	5.5	5.5	7.5	7.0	8.0	6.5	9.5	7.5	7.5	12.5	5.5	5.5	12.0	17.0	6.0	17.0
17	6.5	4.0	3.0	3.5	3.5	3.5	3.0	2.5	6.0	7.5	7.5	7.5	7.0	7.5	10.5	7.5	16.0	17.0	20.5	13.5	9.5	11.5	7.5	8.5	8.0	20.5
18	4.0	7.5	12.5	5.0	5.5	3.0	2.0	2.0	3.0	4.0	5.0	11.0	6.5	12.0	15.0	15.5	13.0	12.0	7.5	8.0	10.5	5.0	4.0	2.5	7.5	15.5
19	1.5	4.5	7.5	3.0	1.5	2.5	1.5	1.5	3.0	4.0	4.5	6.0	6.0	9.5	15.0	17.0	11.5	8.0	19.0	21.0	17.0	13.0	9.5	11.0	8.5	21.0
20	14.5	6.0	3.0	4.0	3.0	3.5	6.0	4.5	4.5	4.0	5.5	4.5	5.5	5.5	7.0	16.0	22.0	12.0	7.5	9.5	8.0	3.0	1.5	2.5	7.0	22.0
21	2.0	2.5	3.5	2.5	2.5	1.0	1.0	1.0	3.0	3.5	5.0	6.0	8.5	8.0	8.5	8.0	16.0	9.0	7.0	8.0	11.5	11.0	4.0	5.0	6.0	16.0
22	4.0	3.0	2.5	2.0	1.5	2.0	2.5	2.5	3.0	3.0	4.5	6.0	7.0	9.0	8.0	9.5	11.5	6.0	11.0	9.5	4.5	3.5	2.5	4.0	5.0	11.5
23	3.5	2.5	1.5	2.0	3.5	2.0	3.0	4.0	4.0	4.0	5.0	5.5	6.5	8.0	9.0	9.5	8.0	10.0	8.5	6.0	10.5	12.0	13.5	10.0	6.5	13.5
24	4.0	4.0	4.0	4.0	4.5	3.0	3.0	5.5	6.5	4.5	5.0	6.0	7.0	7.0	7.5	6.5	12.5	15.0	13.0	12.5	16.0	13.0	14.0	17.0	8.0	17.0
25	7.5	7.0	7.0	4.5	8.0	7.0	4.0	9.0	9.5	5.0	5.0	6.0	9.0	22.5	17.0	15.0	17.0	9.0	3.5	10.0	7.5	5.5	2.0	3.0	8.5	22.5
26	2.0	1.0	3.0	2.0	4.0	1.5	1.5	1.5	2.0	3.5	4.0	5.0	5.0	7.0	10.0	17.5	11.0	6.5	5.5	4.5	3.5	1.5	7.5	16.0	5.5	17.5
27	14.5	7.5	2.5	2.5	.5	2.5	2.0	2.5	5.0	6.0	4.0	5.5	8.5	8.0	8.0	9.0	13.5	15.5	13.5	7.5	2.5	3.0	2.5	3.5	6.5	15.5
28	1.5	2.5	4.0	2.0	3.5	2.0	2.5	2.5	3.0	3.0	4.0	6.0	9.5	11.5	19.0	21.5	11.0	7.0	7.0	7.5	3.5	3.0	3.5	2.5	6.0	21.5
29	2.5	3.5	3.5	2.0	3.0	3.5	3.0	2.5	3.5	4.5	5.5	6.5	6.5	17.0	9.0	16.0	13.0	11.0	11.0	7.5	8.5	11.5	17.5	18.0	8.0	18.0
30	12.0	10.0	5.5	4.5	1.5	2.0	2.5	4.5	5.0	4.5	7.0	8.0	7.5	5.5	7.5	9.5	9.5	10.5	18.0	12.5	5.0	16.0	21.0	19.0	8.5	21.0
31	8.5	4.5	5.0	11.0	6.5	3.5	3.0	3.0	5.0	6.5	7.5	8.5	9.0	9.5	8.5	6.5	8.5	15.5	9.5	16.5	20.5	9.0	5.0	5.5	8.0	20.5
AV	6.0	5.0	5.5	4.5	4.0	3.0	3.0	3.0	4.5	5.0	6.0	7.0	7.5	10.0	11.0	12.0	11.5	10.5	10.0	9.5	9.0	7.0	7.5	8.0	7.0	[ ]
SD	4.2	3.4	4.1	3.7	2.8	1.4	1.4	1.6	2.0	1.6	1.7	2.2	1.8	3.7	4.3	4.3	3.6	4.0	5.5	3.7	4.9	4.6	5.3	5.8	1.5	[ ]

OUTPT [VERSION N 28 JUL 76]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

MAY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 19/SEP/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	345	330	270	195	10	120	55	40	280	255	280	260	240	250	255	275	260	265	230	90	(VA)	300	305	170	(VA)	
2	315	330	65	235	(VA)	335	350	20	65	175	220	255	245	255	305	260	215	200	215	210	80	315	330	305	11	
3	350	345	35	(VA)	330	20	(VA)	(VA)	(VA)	140	185	335	265	235	195	215	225	200	200	180	175	205	230	215	10	
4	250	180	180	180	180	195	190	180	195	230	230	230	220	215	220	230	300	320	295	195	180	170	170	190	9	
5	205	(VA)	50	(VA)	(VA)	(VA)	(VA)	245	240	260	240	250	295	295	290	295	335	315	20	345	15	290	325	265	14	
6	270	260	215	190	205	(VA)	290	300	50	345	310	315	215	250	340	230	(VA)	(VA)	30	160	265	270	250	205	13	
7	170	145	355	(VA)	(VA)	110	(VA)	(VA)	95	340	35	75	30	0	30	325	35	335	310	220	225	130	(VA)	200	16	
8	205	225	225	200	(VA)	145	215	(VA)	(VA)	(VA)	200	195	225	205	295	210	220	200	(VA)	90	80	205	200	350	(VA)	
9	190	175	200	195	240	285	110	(VA)	220	290	245	280	280	270	305	315	305	315	250	115	240	215	205	205	12	
10	300	340	200	(VA)	30	305	320	260	260	230	270	270	250	195	190	215	200	220	250	205	75	195	180	230	10	
11	235	205	325	335	230	15	350	335	245	275	255	260	275	240	255	275	280	280	270	280	280	300	270	215	12	
12	(VA)	(VA)	20	0	345	355	0	270	180	220	345	355	320	330	345	350	330	355	340	300	325	280	315	265	16	
13	(VA)	240	320	305	325	330	325	60	30	(VA)	220	265	275	305	300	15	210	215	215	205	140	230	190	315	15	
14	270	330	335	120	75	(VA)	(VA)	30	320	180	305	245	280	285	280	190	230	225	200	190	200	200	180	190	9	
15	(VA)	305	345	25	(VA)	(VA)	(VA)	(VA)	5	100	(VA)	(VA)	335	(VA)	(VA)	(VA)	305	30	345	330	50	(VA)	(VA)	35	16	
16	(VA)	(VA)	335	350	(VA)	(VA)	(VA)	0	(VA)	(VA)	5	40	320	345	275	300	315	(VA)	355	45	70	145	335	300	16	
17	265	315	340	(VA)	85	(VA)	70	10	305	250	210	240	280	325	315	170	255	300	295	(VA)	85	320	285	280	14	
18	315	330	315	(VA)	(VA)	(VA)	140	(VA)	320	280	315	320	275	225	220	210	230	235	310	225	270	255	200	135	11	
19	265	(VA)	205	210	210	215	240	195	235	280	300	235	305	190	325	260	175	200	205	190	225	5	(VA)	195	10	
20	15	235	275	215	210	225	200	250	255	220	(VA)	220	180	135	185	195	210	200	290	95	135	210	235	235	(VA)	
21	210	200	345	320	(VA)	(VA)	55	330	185	350	195	185	220	180	200	240	325	310	245	230	290	260	275	175	10	
22	220	280	280	245	165	(VA)	285	295	245	235	265	300	310	245	210	185	200	190	200	210	295	15	200	205	10	
23	225	265	290	210	225	230	245	200	215	195	255	235	275	245	220	320	250	345	(VA)	(VA)	(VA)	(VA)	(VA)	(VA)	11	
24	(VA)	(VA)	20	345	45	20	320	255	255	290	295	285	200	205	175	330	265	75	300	50	265	70	215	275	13	
25	235	265	325	305	55	295	320	350	235	240	210	275	315	235	215	300	280	(VA)	(VA)	140	185	(VA)	(VA)	170	(VA)	
26	290	290	170	280	290	290	25	325	245	265	(VA)	(VA)	350	290	285	280	260	300	0	(VA)	(VA)	(VA)	310	325	14	
27	280	60	350	330	(VA)	(VA)	265	150	300	310	270	270	325	265	275	270	285	295	350	(VA)	(VA)	235	210	300	14	
28	340	355	345	280	(VA)	(VA)	(VA)	45	145	0	285	345	(VA)	265	200	205	205	220	190	185	170	175	220	210	10	
29	170	255	325	270	160	225	(VA)	165	250	10	255	290	240	235	200	310	315	330	320	300	285	285	255	240	(VA)	
30	165	(VA)	240	195	(VA)	285	285	215	(VA)	25	285	275	255	255	55	190	220	(VA)	(VA)	(VA)	220	235	310	245	(VA)	
31	225	350	335	(VA)	(VA)	(VA)	80	345	50	30	275	265	280	215	170	185	235	280	275	270	80	170	260	265	13	
PV	11	16	16	10	10	(VA)	(VA)	16	12	13	13	12	13	11	10	13	11	10	14	10	13	10	10	10	11	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	335	(VA)	(VA)	85	260	275	(VA)	30	(VA)	325	325	280	230	240	225	220	240	260	260	255	290	295	255	265	12	
2	230	310	35	(VA)	(VA)	(VA)	345	325	25	55	20	235	265	235	185	185	195	200	185	200	170	155	210	155	10	
3	270	255	350	50	(VA)	55	10	45	175	205	175	180	185	205	215	195	205	200	220	225	195	170	190	190	10	
4	170	235	135	(VA)	60	80	60	50	55	50	205	185	180	185	200	180	195	205	215	225	180	165	210	240	10	
5	170	120	230	10	40	70	75	40	45	295	305	45	185	180	175	175	185	190	190	165	155	115	215	225	9	
6	340	350	355	5	15	10	355	(VA)	235	190	195	180	195	195	190	195	175	165	155	155	155	165	160	145	8	
7	255	250	195	120	60	85	315	70	230	200	160	195	260	275	250	205	215	190	160	155	155	235	250	280	12	
8	305	280	10	60	35	45	20	(VA)	170	180	185	185	190	180	185	235	190	195	210	245	205	170	205	165	(VA)	
9	135	85	255	335	20	70	20	35	50	300	260	185	190	195	190	195	205	210	205	205	185	165	280	315	9	
10	280	330	0	315	275	235	190	180	175	310	180	180	180	185	185	190	185	180	195	200	285	300	270	240	9	
11	210	205	175	180	210	225	225	285	230	195	200	195	195	285	255	240	230	300	300	285	30	195	170	195	10	
12	215	200	200	160	180	240	225	215	240	250	250	250	285	265	255	255	240	250	255	285	235	255	(VA)	(VA)	11	
13	145	190	270	190	220	155	240	40	355	40	275	260	305	315	315	335	320	290	330	280	40	125	10	65	15	
14	55	110	175	170	170	170	175	210	250	250	230	225	230	230	255	285	(VA)	355	35	25	30	35	55	105	11	
15	(VA)	70	275	225	315	0	335	55	(VA)	45	325	195	235	245	230	220	240	280	250	155	170	185	200	180	(VA)	
16	180	200	275	20	35	20	70	145	220	255	295	205	305	315	310	325	315	290	270	285	295	350	125	145	14	
17	235	50	330	140	230	165	225	350	285	315	10	15	270	270	55	55	350	130	180	165	115	50	70	70	3	
18	65	(VA)	35	(VA)	45	0	(VA)	285	230	270	225	290	300	315	310	350	340	25	45	55	45	50	65	45	3	
19	45	295	260	330	(VA)	15	330	255	225	265	200	235	285	245	235	280	295	10	60	40	45	45	(VA)	50	3	
20	40	60	85	85	70	55	110	(VA)	55	45	40	260	245	180	195	200	210	200	190	180	175	175	215	165	9	
21	160	165	120	115	120	(VA)	25	35	55	275	250	250	245	235	245	240	220	210	190	175	175	175	170	170	9	
22	165	170	185	165	180	155	165	100	145	125	65	330	15	100	350	345	355	280	80	100	170	(VA)	80	(VA)	9	
23	240	240	210	160	170	150	190	225	235	245	240	210	230	230	250	280	260	275	285	280	320	350	15	25	12	
24	155	325	300	(VA)	335	285	325	295	255	255	245	260	260	240	230	220	225	290	295	290	275	265	255	150	(VA)	
25	190	295	(VA)	50	90	50	55	35	265	230	270	230	240	215	245	210	220	240	250	255	240	205	175	195	11	
26	160	190	170	205	300	(VA)	65	45	45	45	45	35	65	260	265	275	295	305	335	340	15	65	115	335	3	
27	340	340	10	55	60	40	15	75	(VA)	170	270	255	270	280	265	270	235	290	325	330	350	75	90	0	(VA)	
28	320	20	95	(VA)	(VA)	215	235	290	230	210	35	0	(MT)	255	265	305	310	25	35	40	30	75	265	60	11	
29	180	170	290	325	35	40	340	30	50	(VA)	145	175	235	260	220	200	300	5	65	115	155	165	170	175	9	
30	170	175	175	70	35	60	30	290	235	220	205	175	185	185	180	180	210	300	275	150	175	185	180	235	9	
31																										
PV	8	9	9	(VA)	3	3	(VA)	3	11	12	10	10	13	13	12	10	10	14	9	8	9	9	10	(VA)	9	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	270	205	215	130	215	190	210	260	225	205	250	255	120	120	130	110	135	195	195	190	160	225	240	315	11	
2	75	50	55	60	70	110	200	190	245	210	240	260	305	310	255	245	255	240	230	250	325	340	345	55	12	
3	65	45	60	110	210	195	175	225	235	335	210	200	355	280	300	80	350	10	5	35	55	330	350	315	[VA]	
4	305	350	0	60	5	50	50	100	35	130	280	290	340	265	265	275	250	230	255	240	80	270	195	110	[VA]	
5	15	335	175	345	35	20	25	70	5	250	280	270	280	260	315	280	280	225	335	0	90	65	290	210	13	
6	180	60	220	220	290	50	10	45	95	260	185	165	260	5	240	170	140	260	315	300	290	145	210	155	[VA]	
7	225	155	135	350	70	80	70	85	75	245	275	220	90	145	170	110	195	160	180	165	160	165	160	140	8	
8	170	245	305	20	70	100	70	30	290	260	275	270	260	305	160	185	220	275	340	160	150	230	225	270	13	
9	260	190	220	230	220	115	50	40	200	250	225	245	285	290	205	200	225	215	155	110	170	230	225	180	10	
10	145	190	270	[VA]	75	115	25	40	350	295	295	320	290	305	265	155	155	130	290	55	100	115	140	235	14	
11	290	[VA]	65	10	305	325	330	[VA]	275	265	290	250	240	280	290	235	230	210	285	325	150	180	170	160	14	
12	225	235	190	185	185	250	175	190	220	285	220	345	290	350	100	135	150	150	185	290	15	10	40	75	9	
13	65	105	225	45	65	60	225	245	165	295	5	220	250	315	270	305	320	265	320	5	30	185	210	145	11	
14	155	130	55	80	195	50	285	240	215	0	45	30	330	305	265	260	255	260	295	310	0	140	200	195	14	
15	185	270	330	335	5	260	115	190	35	30	40	50	25	115	310	150	255	0	[VA]	35	45	60	70	225	3	
16	275	300	120	340	195	70	[VA]	[VA]	320	40	45	220	290	260	295	220	310	325	350	30	55	170	180	165	14	
17	215	225	45	70	100	135	75	275	230	275	275	285	290	310	55	330	335	335	300	225	[VA]	175	120	75	[VA]	
18	[VA]	45	130	340	30	165	140	175	[VA]	320	280	280	255	300	290	290	275	270	275	170	130	[VA]	345	245	13	
19	140	180	185	255	315	35	10	240	170	240	245	275	265	210	185	165	180	190	175	180	175	245	195	105	9	
20	125	[VA]	260	245	120	135	155	40	225	145	200	170	230	240	[VA]	260	260	[VA]	235	180	185	265	200	200	11	
21	300	300	335	345	65	295	15	290	45	275	240	260	225	190	215	[VA]	325	330	325	320	355	5	230	195	14	
22	215	225	320	140	295	320	0	30	60	240	340	55	110	130	315	45	10	15	0	0	45	[VA]	330	305	1	
23	190	275	[VA]	355	65	25	50	40	60	30	275	355	355	65	105	10	10	20	40	20	95	140	160	105	2	
24	45	5	30	325	65	[VA]	[VA]	40	50	0	270	275	[VA]	250	285	225	235	175	175	180	165	210	180	175	9	
25	205	205	215	205	190	195	205	175	305	285	25	60	170	170	00	115	230	220	120	30	80	155	[VA]	190	10	
26	130	85	120	280	95	225	290	45	120	155	190	225	225	255	255	180	175	190	165	160	15	285	235	165	9	
27	185	210	155	265	55	30	315	[VA]	220	235	180	310	[VA]	295	[VA]	275	315	330	340	290	350	105	[VA]	300	[VA]	
28	195	280	160	330	340	350	20	110	80	285	210	170	255	330	335	5	340	340	315	335	205	150	275	310	16	
29	110	325	30	[VA]	20	[VA]	[VA]	5	20	[VA]	280	260	305	[VA]	80	320	330	340	10	35	45	55	45	55	3	
30	10	15	55	255	135	195	[VA]	210	255	355	5	345	305	[VA]	280	265	310	335	310	280	170	65	50	55	[VA]	
31	90	355	290	255	285	80	160	300	320	350	315	355	350	310	350	330	0	275	230	210	205	220	75	60	[VA]	
PV	9	11	3	16	4	3	2	3	11	13	[VA]	13	13	[VA]	[VA]	13	11	16	15	9	8	9	10	10	13	

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.5	2.5	2.5	2.5	3.5	2.5	1.5	2.5	2.5	3.0	4.0	5.0	5.5	6.5	5.5	6.0	6.0	4.0	2.5	3.0	3.0	2.5	3.5	2.5	3.5	6.5
2	3.0	3.0	3.0	3.0	3.0	2.5	2.0	1.5	2.0	2.5	4.0	4.5	5.5	5.0	5.5	3.5	3.0	3.0	1.0	3.0	2.0	2.0	2.5	2.0	3.0	5.5
3	1.5	2.0	2.0	2.5	2.5	2.5	2.5	1.5	2.0	2.5	3.0	3.0	4.5	8.0	10.5	6.5	9.0	10.0	6.5	3.5	6.0	5.5	2.5	3.5	4.5	10.5
4	6.5	6.0	6.0	6.5	4.5	6.0	10.0	14.5	10.0	13.0	12.0	13.0	12.0	10.5	9.5	8.5	9.5	13.5	8.0	3.0	2.5	3.0	6.0	3.5	8.5	14.5
5	2.5	2.5	2.0	2.5	4.0	2.5	1.5	2.0	2.5	4.0	5.5	6.5	9.0	9.0	9.0	8.5	8.0	9.5	8.5	3.0	3.0	8.0	8.0	8.0	5.5	9.5
6	9.0	8.0	2.5	2.5	3.0	2.0	1.5	4.5	3.0	4.5	11.5	4.5	6.0	3.0	5.5	6.5	7.0	2.5	2.5	4.0	2.5	2.0	1.5	2.0	4.0	11.5
7	2.0	1.0	2.0	1.5	2.0	1.0	1.0	3.0	5.5	5.5	5.5	6.5	8.5	6.5	5.0	5.0	4.5	5.5	7.0	2.5	2.5	2.5	2.5	2.0	4.0	8.5
8	3.5	4.0	4.0	2.0	3.0	1.5	4.5	5.5	5.5	4.5	4.5	4.5	4.0	3.5	6.5	9.0	6.5	5.0	2.5	2.0	2.0	2.0	2.5	1.5	4.0	9.0
9	1.5	1.5	2.0	1.5	1.0	1.5	1.5	1.5	2.5	4.0	4.5	4.5	4.0	4.0	4.5	6.5	10.0	10.5	8.0	9.0	6.5	5.5	3.5	2.0	4.0	10.5
10	2.0	2.0	2.0	2.0	1.5	2.0	1.0	2.0	2.5	2.5	3.0	3.5	4.0	9.0	7.0	5.0	4.0	4.0	3.0	2.0	2.0	2.5	3.0	2.5	3.0	9.0
11	2.5	1.5	1.0	1.5	2.0	2.5	2.0	1.5	1.5	3.5	11.0	13.5	10.5	9.0	14.5	21.5	21.5	19.5	20.5	18.5	18.5	12.5	6.5	3.5	9.0	21.5
12	2.5	2.5	2.5	1.5	2.5	2.5	2.5	2.0	3.5	7.0	18.0	16.5	11.0	12.0	8.5	9.0	9.5	10.5	5.0	2.5	2.5	2.0	2.5	2.5	6.0	18.0
13	2.0	2.5	2.5	2.5	2.5	1.5	2.0	1.5	2.0	2.5	4.0	4.5	3.5	5.0	5.0	4.0	4.0	3.0	2.0	3.0	2.5	2.0	3.0	2.5	3.0	5.0
14	2.5	2.5	2.5	2.0	1.0	1.0	1.0	2.5	2.0	2.5	3.0	4.0	6.0	6.5	7.5	9.5	10.5	9.0	6.0	5.0	4.5	4.5	6.0	6.0	4.5	10.5
15	6.0	7.5	2.5	4.5	6.5	11.5	11.5	10.0	12.5	12.5	11.0	10.5	12.5	15.5	15.0	14.5	15.0	16.0	15.5	14.0	11.5	8.5	7.5	8.0	11.0	16.0
16	6.0	4.0	3.0	3.0	3.5	2.5	3.5	4.0	5.5	5.5	5.5	6.0	5.0	5.0	5.0	4.5	3.0	3.0	1.5	3.0	2.5	1.5	2.5	2.5	4.0	6.0
17	2.0	2.5	2.5	1.5	2.0	1.0	2.0	2.5	2.5	2.5	3.5	4.0	4.5	6.0	5.0	4.0	4.5	3.0	2.0	2.5	2.0	3.0	3.5	3.0	3.0	6.0
18	2.5	2.5	2.0	2.0	3.0	1.5	1.5	1.5	2.5	3.5	5.0	6.0	8.0	11.5	9.5	7.5	6.5	6.0	7.0	8.0	4.0	2.5	4.5	4.0	4.5	11.5
19	4.0	2.5	3.0	6.5	4.0	2.5	1.5	1.5	3.0	6.5	8.0	3.5	7.0	14.0	9.5	8.5	10.0	3.5	2.0	4.5	6.0	3.5	4.0	4.0	5.0	14.0
20	1.5	2.5	3.0	2.5	2.5	4.0	2.0	2.5	4.5	5.5	6.5	8.0	7.0	9.5	9.0	8.0	6.5	5.0	5.0	4.5	2.5	2.0	2.0	2.5	4.5	9.5
21	2.5	2.0	2.0	2.0	1.5	2.5	2.5	4.0	2.5	4.5	8.5	9.0	9.0	5.0	4.0	2.5	2.5	3.5	2.5	2.0	3.5	4.5	2.5	3.0	3.5	9.0
22	1.0	1.5	2.0	2.5	2.5	1.5	1.0	1.0	2.5	2.5	3.5	8.0	4.5	5.0	4.5	6.5	10.0	8.0	3.5	3.5	1.5	2.0	2.5	3.5	3.5	10.0
23	1.0	1.5	2.0	1.0	2.0	1.5	2.0	2.0	2.5	2.5	3.5	4.0	4.5	6.0	4.0	5.5	4.0	3.0	6.5	4.5	2.5	2.5	6.5	7.0	3.5	7.0
24	4.0	5.0	3.5	8.5	5.0	2.0	1.0	2.5	4.0	4.5	4.5	3.5	3.0	5.5	7.0	12.0	7.5	4.5	2.5	3.0	2.0	2.5	3.5	2.0	4.5	12.0
25	2.5	2.0	2.5	2.5	3.0	2.0	1.5	1.5	2.5	3.0	4.5	7.5	12.0	9.5	14.0	9.5	3.5	4.0	4.0	3.0	3.5	2.5	2.5	2.5	4.5	14.0
26	2.0	2.0	2.5	1.5	2.5	2.5	1.5	2.0	2.5	4.0	3.5	4.5	6.0	6.5	7.5	5.0	4.0	3.0	2.5	2.5	2.5	2.5	2.0	1.5	3.0	7.5
27	2.5	2.0	2.5	2.5	2.5	1.0	2.0	2.5	2.5	3.5	3.5	4.5	6.0	5.0	6.5	5.5	3.5	5.5	2.5	2.5	2.5	3.5	2.0	2.0	3.5	6.5
28	1.0	1.5	3.5	3.5	2.5	2.5	1.5	2.0	2.5	2.5	7.0	9.5	5.5	10.5	11.5	9.5	11.5	9.0	9.0	6.0	3.5	4.0	3.0	3.5	5.5	11.5
29	3.0	2.5	3.0	2.5	3.0	2.0	1.5	2.5	3.0	3.5	3.5	5.5	5.5	6.0	8.0	16.0	11.5	10.0	8.0	5.0	9.0	5.0	2.5	2.0	5.0	16.0
30	1.5	3.0	1.5	1.5	2.0	2.5	2.5	3.5	3.5	4.0	2.5	4.5	6.5	5.0	4.0	9.5	7.0	8.0	8.5	3.5	2.5	3.0	2.5	2.5	4.0	9.5
31	2.5	2.5	2.5	2.5	2.5	1.0	1.5	2.5	2.0	3.0	3.5	5.5	6.5	6.0	7.0	6.0	8.0	6.0	2.5	4.0	3.0	2.0	2.5	2.5	3.5	8.0
AV	3.0	3.0	2.5	2.5	3.0	2.5	2.5	3.0	3.5	4.5	6.0	6.5	6.5	7.5	7.5	8.0	7.5	7.0	5.5	4.5	4.0	3.5	3.5	3.0	4.5	[ ]
SD	1.8	1.8	.9	1.6	1.1	1.9	2.3	2.7	2.3	2.5	3.5	3.2	2.6	3.0	3.0	3.9	4.0	4.1	4.2	3.5	3.4	2.3	1.7	1.7	1.8	[ ]

OUTPT (VERSION N 28 JUL 76)

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.0	1.5	2.0	2.0	2.5	2.5	2.5	2.5	2.5	4.5	6.0	5.5	4.5	7.0	7.5	12.0	10.5	10.5	6.0	2.0	4.5	4.5	2.5	2.0	4.5	12.0
2	1.5	2.5	1.5	2.5	3.0	2.5	2.5	2.0	2.5	2.5	3.5	10.0	9.5	7.5	10.5	9.5	9.5	8.0	6.5	6.0	4.0	3.5	3.5	2.5	5.0	10.5
3	2.0	2.5	2.5	2.0	3.0	2.0	2.5	2.0	3.5	10.5	16.0	11.5	13.5	13.0	10.5	14.0	12.5	11.5	8.0	8.0	5.5	3.5	3.5	3.0	7.0	16.0
4	1.0	2.5	2.5	3.0	2.5	2.5	2.5	2.5	2.5	4.0	10.5	11.0	11.5	11.0	11.0	10.5	10.0	10.0	7.0	6.0	2.5	5.0	3.0	3.5	6.0	11.5
5	3.5	2.5	2.0	2.5	2.5	2.0	2.5	2.0	2.0	3.5	5.5	6.0	8.5	7.5	9.0	9.5	9.5	8.5	5.5	3.5	4.5	4.0	2.5	2.5	4.5	9.5
6	2.0	2.5	2.5	2.0	2.5	2.0	1.5	2.5	2.5	10.0	13.0	10.5	8.5	12.5	9.5	8.0	8.0	13.0	14.0	9.0	4.5	9.5	7.5	4.0	6.5	14.0
7	2.5	2.0	2.5	3.0	2.0	2.0	2.5	2.5	4.5	6.5	7.0	7.5	7.0	8.0	9.5	8.5	10.0	7.5	8.0	6.5	3.5	5.5	3.0	2.5	5.0	10.0
8	3.0	2.0	2.5	2.5	3.0	2.0	1.5	2.5	5.5	8.5	10.0	11.0	13.0	12.5	8.5	8.0	10.0	8.5	9.5	7.0	4.5	4.0	2.0	3.5	6.0	13.0
9	3.5	3.5	2.5	3.0	2.5	2.5	2.0	2.5	2.5	5.5	6.0	10.5	13.0	12.0	12.5	13.5	12.5	10.5	10.5	8.0	4.0	3.5	4.0	3.0	6.5	13.5
10	2.5	2.5	2.5	2.5	2.5	2.5	2.5	6.0	10.0	14.5	12.5	13.5	13.0	16.5	16.5	20.0	19.0	16.5	15.0	10.0	11.0	9.5	5.5	2.0	9.5	20.0
11	2.0	4.0	2.5	2.5	4.5	3.0	7.0	9.0	9.0	12.0	12.0	13.0	13.0	11.5	9.5	11.5	12.0	15.5	14.5	14.5	4.0	4.5	4.0	5.0	8.5	15.5
12	4.5	3.0	2.5	3.0	2.5	2.5	2.0	2.5	5.5	7.5	9.5	8.5	8.5	11.0	11.0	8.5	8.0	7.5	9.0	8.0	5.5	4.5	3.5	3.0	6.0	11.0
13	2.0	3.0	5.0	2.5	2.5	3.5	2.0	2.5	4.0	3.5	8.0	11.0	10.0	6.0	9.0	8.0	14.0	13.5	5.5	4.0	7.0	3.5	10.5	9.5	6.5	14.0
14	10.0	5.0	2.5	3.5	5.5	4.0	2.5	4.5	8.0	6.5	8.5	6.0	6.5	7.0	5.0	5.5	5.5	5.5	10.0	13.0	9.5	3.0	3.5	2.5	6.0	13.0
15	2.0	3.0	1.5	2.5	2.5	2.5	2.0	2.0	2.5	3.5	4.0	5.0	5.5	4.0	5.5	5.0	5.5	3.5	2.5	5.5	7.0	8.5	4.0	3.5	4.0	8.5
16	3.0	2.5	2.0	2.5	2.5	2.5	3.0	2.5	4.0	4.5	2.5	2.5	7.5	11.5	6.0	13.5	15.0	12.5	11.0	14.5	13.5	11.0	13.0	6.5	7.0	15.0
17	4.0	3.5	5.0	1.5	1.5	2.0	2.0	2.5	3.5	3.0	5.0	5.5	7.5	8.5	6.5	6.5	10.0	4.5	5.0	2.5	4.0	3.5	5.5	2.5	4.5	10.0
18	1.5	2.0	1.5	2.0	2.0	1.5	1.5	2.5	3.0	3.5	7.5	10.5	8.5	9.0	9.0	5.5	5.5	7.0	10.0	12.0	9.5	7.0	4.5	2.0	5.5	12.0
19	2.0	2.0	1.5	2.5	2.0	1.5	1.0	2.5	3.5	3.0	3.5	3.5	5.0	6.0	4.5	4.5	4.0	4.5	2.5	2.5	2.0	1.0	1.0	1.5	3.0	6.0
20	2.0	2.5	2.5	2.0	2.5	2.0	1.5	2.0	2.5	3.0	4.0	6.5	8.5	11.5	12.5	11.5	11.5	12.0	11.0	9.5	7.0	7.5	5.0	5.0	6.0	12.5
21	6.0	4.0	5.0	4.5	3.0	2.5	2.0	2.0	3.0	3.5	9.5	11.0	12.0	12.0	13.5	13.0	8.5	10.0	8.0	9.5	6.0	5.5	7.0	5.0	7.0	13.5
22	3.0	4.0	6.5	10.0	17.5	8.0	12.0	14.0	11.5	9.0	11.5	3.0	7.0	4.5	7.5	10.0	14.5	12.0	5.0	2.5	3.5	3.0	2.5	1.0	7.5	17.5
23	2.5	2.5	1.5	2.5	2.0	2.0	1.0	5.0	8.5	7.0	6.0	8.5	8.5	10.0	10.5	13.5	17.0	20.0	23.5	20.0	12.5	3.5	2.5	2.0	8.0	23.5
24	2.0	2.0	2.5	2.5	3.0	2.0	1.0	2.0	3.0	6.5	5.5	7.5	8.0	8.0	5.0	6.0	6.0	13.0	14.0	13.0	8.5	6.5	3.5	3.0	5.5	14.0
25	3.0	3.5	2.5	3.0	2.5	2.0	2.0	2.0	2.0	2.5	8.5	11.5	11.0	12.5	14.5	9.0	8.5	10.0	11.0	10.0	8.0	5.5	6.0	4.0	6.5	14.5
26	4.5	3.0	2.5	2.5	2.5	2.5	3.5	6.0	7.5	5.5	4.0	6.5	4.0	6.0	5.5	5.5	5.0	4.0	4.5	2.5	2.0	2.5	2.5	2.5	4.0	7.5
27	3.0	2.5	2.0	2.0	2.0	1.5	2.0	2.0	2.5	2.5	3.0	3.0	5.0	8.5	6.5	8.5	7.5	7.0	5.5	9.5	6.5	4.0	3.5	1.5	4.0	9.5
28	2.5	2.0	1.5	2.5	2.5	1.5	1.5	1.5	2.0	3.5	4.0	3.5	3.5	4.0	4.5	7.5	5.5	5.5	5.0	2.5	2.0	1.5	2.5	2.0	3.0	7.5
29	2.5	2.5	2.5	3.0	3.0	2.5	2.0	2.5	2.5	2.5	3.0	4.5	4.5	6.5	10.0	6.0	4.0	4.5	13.5	10.5	10.0	11.0	8.5	9.5	5.5	13.5
30	7.0	5.0	5.0	3.5	2.5	2.0	2.5	3.0	9.5	8.5	8.5	8.5	11.5	12.0	10.5	10.5	12.5	4.5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	7.0	12.5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
AV	3.0	3.0	2.5	3.0	3.0	2.5	2.5	3.5	4.5	5.5	7.5	8.0	8.5	9.5	9.0	9.5	9.5	9.5	9.0	8.0	6.0	5.0	4.5	3.5	6.0	[ ]
SD	1.8	.9	1.2	1.4	2.8	1.2	2.0	2.5	2.8	3.1	3.4	3.2	3.0	3.1	3.0	3.4	3.8	4.0	4.5	4.4	3.1	2.6	2.6	2.0	1.5	[ ]

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	[ ]	[ ]
2	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	[ ]	[ ]
3	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	[ ]	[ ]
4	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	[ ]	[ ]
5	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	[ ]	[ ]
6	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	[ ]	[ ]
7	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	7.0	7.0	10.5	12.5	11.5	8.5	10.0	13.0	6.5	6.5	6.5	9.5	9.0	13.0
8	9.0	3.0	3.0	2.5	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	4.5	9.0
9	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	[ ]	[ ]
10	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	3.0	4.0	5.0	4.0	4.5	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	4.0	5.0
11	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	[ ]	[ ]
12	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	[ ]	[ ]
13	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	[ ]	[ ]
14	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	[ ]	[ ]
15	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	[ ]	[ ]
16	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	[ ]	[ ]
17	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	2.5	2.5	2.5	2.5
18	3.5	8.0	4.0	2.5	1.5	1.5	1.5	1.5	2.5	3.0	4.5	5.5	4.5	9.5	11.5	12.0	9.5	8.0	3.0	3.5	6.5	3.0	3.5	1.0	5.0	12.0
19	2.0	2.5	1.0	1.5	2.5	1.5	2.5	2.0	2.5	3.0	3.0	4.0	4.5	5.5	10.0	12.5	6.0	6.0	11.0	7.0	7.0	11.0	8.0	9.5	5.5	12.5
20	5.0	2.5	2.5	2.5	2.5	3.0	6.0	3.5	2.0	2.5	2.5	4.0	4.5	4.0	4.5	16.0	12.0	5.0	2.5	2.5	2.5	3.0	4.5	2.5	4.5	16.0
21	2.0	2.0	2.0	3.0	1.5	1.5	1.5	2.0	2.5	3.5	3.5	3.5	5.5	4.5	5.5	7.0	11.5	7.0	3.5	2.5	7.0	3.5	2.5	3.0	4.0	11.5
22	3.0	3.0	2.5	2.5	2.0	2.0	2.5	2.0	2.5	3.0	4.0	4.5	5.0	6.5	6.0	7.5	9.0	6.0	6.0	5.0	2.0	2.0	3.5	2.5	4.0	9.0
23	2.5	2.5	3.0	2.5	2.0	1.0	2.0	2.5	2.5	3.5	4.5	6.0	5.5	6.5	8.0	5.0	5.5	4.0	2.5	2.5	1.5	4.0	2.5	5.0	3.5	8.0
24	2.0	2.5	2.0	2.5	2.0	2.5	2.5	2.5	3.0	3.5	5.0	6.0	7.0	5.5	6.5	6.5	9.5	7.5	6.0	5.0	6.5	7.5	3.0	4.5	4.5	9.5
25	5.0	3.0	3.0	2.5	2.5	2.5	2.0	6.5	5.5	4.0	4.0	6.5	9.5	12.5	13.5	10.0	12.0	6.5	6.0	3.5	2.5	2.5	2.0	1.5	5.5	13.5
26	2.0	1.5	2.0	2.0	2.5	1.5	2.5	2.5	2.0	2.5	3.5	3.5	6.0	7.0	8.0	6.0	5.0	5.5	3.5	3.0	3.5	2.5	6.0	3.0	3.5	8.0
27	3.0	2.5	3.5	3.5	3.0	2.0	2.0	2.5	4.5	3.5	4.5	4.5	5.5	7.0	8.0	6.0	7.0	8.0	6.5	2.5	1.5	2.0	2.5	2.5	4.0	8.0
28	3.5	2.5	3.0	3.0	2.5	2.5	1.5	2.5	3.0	2.5	3.5	5.5	8.0	11.5	18.5	10.5	5.0	4.0	6.0	5.0	2.5	3.5	2.0	2.0	5.0	18.5
29	2.5	2.0	2.0	1.5	4.5	1.5	1.5	2.0	2.5	3.0	5.0	7.0	8.5	13.5	11.5	11.0	7.0	6.5	6.0	3.0	1.5	2.5	6.0	5.0	5.0	13.5
30	8.5	3.0	3.0	2.0	3.0	2.5	1.5	4.0	4.0	3.0	6.0	4.5	5.0	7.0	7.0	7.0	7.5	12.0	12.0	5.5	5.5	8.0	8.5	5.0	5.5	12.0
31	3.5	7.0	8.5	5.0	3.0	3.0	2.5	4.0	4.5	6.0	6.5	7.0	7.5	5.5	7.0	7.0	8.0	7.5	4.5	10.5	11.0	5.0	4.5	2.5	6.0	11.0
AV	4.0	3.0	3.0	2.5	2.5	2.0	2.5	3.0	3.0	3.5	4.5	5.0	6.0	7.5	9.0	9.0	8.5	7.0	6.0	5.0	4.5	4.5	4.5	4.0	4.5	[ ]
SD	2.2	1.8	1.6	.8	.7	.6	1.1	1.2	1.0	.8	1.0	1.2	1.5	2.8	3.5	3.1	2.5	1.9	2.9	3.0	2.8	2.6	2.1	2.4	1.3	[ ]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	10	335	10	25	35	35	110	100	45	350	310	325	305	240	55	305	285	235	165	20	330	35	25	25	3	
2	15	25	20	25	25	5	85	110	5	345	280	265	240	280	260	275	300	225	285	0	25	310	15	295	2	
3	305	330	315	15	25	55	50	110	330	355	65	60	80	60	180	15	90	205	195	180	190	275	50	335	16	
4	190	185	210	210	215	215	210	200	215	230	240	250	210	235	240	245	260	300	240	270	355	25	50	55	11	
5	10	60	40	30	50	50	350	15	275	5	245	305	250	280	290	260	270	285	320	95	330	295	315	250	13	
6	270	290	215	180	110	290	30	70	20	275	295	265	30	320	100	110	85	40	75	130	30	80	150	55	14	
7	110	85	65	135	130	105	135	70	55	55	10	70	20	35	45	55	20	300	300	15	35	35	35	15	3	
8	60	0	180	95	70	135	60	70	80	105	125	110	265	245	270	195	170	90	345	105	55	90	345	140	5	
9	340	305	10	15	15	340	340	35	345	265	305	290	0	5	275	290	260	270	190	140	135	345	35	260	16	
10	280	350	265	15	335	10	50	70	290	320	50	350	45	170	175	180	170	230	250	230	310	70	25	20	3	
11	20	315	320	325	0	90	40	75	35	355	260	250	265	250	250	280	280	265	275	275	270	285	295	270	13	
12	15	15	45	25	40	50	135	185	100	90	25	35	25	30	50	65	20	30	20	350	340	345	10	30	2	
13	15	15	335	320	340	15	70	350	35	60	85	80	195	250	340	320	100	195	175	20	20	0	20	35	2	
14	5	25	10	350	15	295	85	120	95	25	350	285	290	345	250	230	235	220	195	160	210	235	225	225	11	
15	275	320	350	5	55	70	75	70	65	70	65	55	60	60	55	60	55	60	55	60	70	75	75	75	[VA]	
16	55	55	75	70	45	340	85	60	85	65	65	75	45	265	280	10	0	130	355	5	335	325	355	335	4	
17	315	320	20	345	30	35	130	80	45	5	30	0	295	255	15	45	50	15	350	330	300	5	30	30	2	
18	50	75	0	5	35	320	165	175	330	325	15	325	235	225	195	205	200	205	215	255	260	340	255	85	10	
19	45	55	5	255	345	10	20	15	295	305	355	15	190	115	150	170	95	60	235	55	130	350	130	20	2	
20	305	60	55	20	45	20	300	245	160	135	95	195	45	140	130	190	200	170	55	130	120	50	330	40	3	
21	340	60	80	345	35	90	115	95	75	190	180	180	155	180	30	20	25	115	310	195	285	330	60	170	5	
22	330	25	35	40	335	90	150	65	50	320	0	315	340	290	185	225	205	200	125	15	280	55	30	0	3	
23	325	195	255	320	275	0	325	55	25	340	355	45	50	25	30	115	45	80	55	85	90	325	280	110	3	
24	35	60	95	55	95	35	240	255	15	250	235	230	310	175	155	330	130	85	25	30	345	35	55	40	3	
25	45	5	325	25	30	5	135	95	80	345	80	275	265	205	255	300	290	140	115	150	30	20	5	35	2	
26	0	25	5	0	330	10	0	45	275	130	0	295	70	310	20	315	310	170	80	355	355	10	10	340	1	
27	200	355	25	15	15	55	175	120	345	285	330	245	265	295	330	85	15	220	235	40	15	340	5	45	2	
28	350	70	45	30	35	55	90	150	180	295	185	60	40	285	215	210	210	195	205	185	175	220	345	40	10	
29	45	355	25	25	45	25	155	240	270	345	0	315	340	50	260	280	290	285	290	285	275	265	215	335	[VA]	
30	10	350	290	90	45	40	60	335	85	225	230	275	270	245	20	280	135	165	145	40	270	25	10	315	[VA]	
31	25	30	30	35	45	30	200	135	50	335	325	325	10	150	140	205	245	265	320	20	10	0	45	20	2	
PV	1	2	1	2	[VA]	3	5	4	3	16	1	13	3	12	13	10	13	11	[VA]	2	16	16	2	[VA]	2	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	45	15	75	335	60	75	10	55	20	315	355	290	25	320	185	240	255	260	260	140	25	25	55	25	2	
2	40	5	45	60	5	85	90	15	145	310	10	250	275	220	170	15	190	185	230	200	190	80	20	10	1	
3	50	50	10	45	130	15	110	30	35	185	205	200	180	210	215	205	205	210	225	230	165	210	55	95	10	
4	35	50	40	55	15	85	115	325	95	25	200	325	185	265	190	195	210	220	225	225	180	45	60	340	3	
5	20	35	45	30	50	50	140	5	35	220	275	235	160	350	145	160	155	170	165	180	35	10	40	60	3	
6	35	20	20	40	35	60	115	325	350	180	170	180	175	165	180	165	165	155	170	180	175	165	155	310	[VA]	
7	330	175	150	25	30	325	50	115	170	280	200	200	295	275	255	240	230	200	170	175	130	15	60	85	[VA]	
8	25	345	140	75	35	65	145	275	215	205	230	225	210	180	210	210	220	210	245	255	225	240	350	15	11	
9	15	10	35	20	25	60	145	135	230	300	310	225	190	205	210	225	215	215	215	210	175	85	15	15	11	
10	25	25	25	15	55	75	135	180	175	185	170	175	165	185	185	180	200	195	215	230	295	300	310	35	9	
11	195	115	70	150	350	25	300	310	225	210	215	215	240	290	250	230	265	300	305	290	190	200	205	215	11	
12	250	240	255	55	0	15	290	85	235	240	270	290	295	275	250	260	285	265	275	280	235	175	345	75	13	
13	130	15	275	270	15	0	245	5	80	35	290	295	285	290	305	305	290	280	295	275	60	80	65	65	14	
14	65	190	75	15	15	15	75	250	245	265	270	235	290	190	195	115	340	55	75	45	45	90	15	5	[VA]	
15	75	185	0	25	15	20	45	60	55	100	120	260	70	210	170	295	300	220	95	185	220	225	235	240	11	
16	260	85	145	90	65	50	105	135	185	305	285	240	305	310	305	320	315	300	285	305	295	5	125	65	14	
17	95	85	75	190	260	10	305	350	320	60	45	10	255	65	75	65	25	175	170	30	60	130	120	125	4	
18	220	50	20	15	35	50	195	135	10	330	250	290	270	285	345	300	340	60	70	70	70	75	90	105	4	
19	320	345	315	25	355	15	95	70	40	15	325	40	275	300	320	290	40	115	110	100	25	230	140	330	[VA]	
20	65	20	10	50	35	25	195	230	230	165	60	340	265	220	230	225	250	225	215	205	195	240	250	25	11	
21	15	35	105	15	30	55	85	220	260	305	250	260	260	235	245	245	240	235	225	215	195	220	230	210	12	
22	195	220	225	185	200	175	140	140	155	145	340	30	75	55	305	30	320	305	145	140	30	135	100	270	7	
23	20	345	155	50	10	15	115	245	275	275	260	245	270	245	285	300	305	300	300	295	305	10	70	15	13	
24	300	40	25	20	25	60	40	160	310	285	290	280	270	255	285	210	245	310	310	315	300	300	295	70	14	
25	125	35	25	25	20	45	140	175	220	75	230	250	240	250	260	225	255	285	265	270	250	225	225	355	12	
26	10	95	85	85	85	45	120	95	285	325	120	340	300	315	285	345	105	285	325	70	175	130	80	30	5	
27	25	10	345	335	45	355	155	230	75	245	225	290	245	310	265	200	270	15	305	320	325	330	160	125	16	
28	30	330	35	25	10	65	195	250	235	100	130	160	45	160	225	295	290	155	60	355	30	175	35	280	3	
29	45	25	15	25	20	25	160	130	265	190	215	275	285	250	210	235	310	65	135	145	155	185	185	185	9	
30	175	180	195	30	40	45	135	260	245	225	215	215	200	190	180	205	265	265	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	9	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	3	2	3	3	2	2	6	7	11	15	11	11	13	14	9	10	12	[VA]	11	11	9	11	[VA]	2	2	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	310	160	150	160	150	130	175	190	200	185	200	175	9	
8	175	145	125	230	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	7	
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	255	255	300	260	260	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	13	
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
12	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
13	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
14	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
15	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
16	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
17	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	150	165	8	
18	220	110	275	140	10	100	180	115	235	260	280	230	265	305	295	295	295	305	210	165	150	135	110	150	14	
19	205	100	295	160	100	220	230	240	180	255	285	245	160	310	190	160	145	170	195	180	200	275	215	185	9	
20	85	95	160	200	165	180	90	255	220	140	250	270	145	135	245	280	235	200	220	145	145	50	90	60	7	
21	90	140	65	25	30	95	140	215	180	280	285	220	285	215	245	200	95	290	280	40	55	155	250	195	11	
22	75	100	85	20	25	80	160	175	215	250	310	275	180	195	165	260	145	50	310	35	170	95	45	230	9	
23	75	15	15	70	155	105	210	160	155	245	300	290	285	170	175	135	65	130	210	45	215	205	175	175	9	
24	285	220	255	190	215	120	155	165	100	245	285	285	210	180	180	270	165	165	160	185	215	215	185	180	9	
25	220	125	155	95	125	165	175	205	210	285	195	150	145	205	135	240	260	195	115	135	170	305	200	155	7	
26	230	145	180	155	95	250	160	175	165	225	280	275	290	300	235	145	90	160	145	160	70	215	260	115	8	
27	205	105	65	30	55	130	180	130	270	320	215	255	195	120	270	245	35	300	310	245	80	200	165	55	12	
28	20	130	20	25	20	35	155	220	280	240	235	205	220	305	345	350	20	175	315	305	75	125	195	80	2	
29	95	80	50	170	180	115	160	155	195	240	240	290	235	125	230	310	10	15	70	105	140	75	80	195	5	
30	70	70	285	150	20	105	235	260	185	260	200	245	275	300	315	310	300	300	315	260	195	115	110	135	14	
31	135	315	295	295	120	115	220	295	290	250	280	280	275	145	205	265	310	275	255	235	250	215	125	120	13	
PV	5	[VA]	[VA]	8	2	6	8	8	9	[VA]	13	13	14	[VA]	9	13	[VA]	14	10	9	10	10	9	9	8	

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

MAY,1976

AEROVIRONMENT INC.

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*                    *
*  PRELIMINARY DATA  *
*  AS OF 19/SEP/76   *
*                    *
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*                    *
*    SUBJECT TO      *
*     REVISION       *
*                    *
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CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	4	2	2	0	1	1	2	7	12	15	19	21	21	22	23	23	22	23	26	18	12	12	9	8	13	26
2	7	6	5	4	3	3	6	10	15	20	23	24	25	25	26	25	26	27	25	20	15	12	11	10	16	27
3	7	6	6	6	6	5	6	9	16	20	22	24	28	29	28	28	28	29	27	22	20	20	20	20	18	29
4	18	18	16	15	15	15	17	20	22	22	24	25	23	24	25	24	24	22	20	20	19	17	15	13	20	25
5	10	9	7	7	7	7	9	12	16	19	21	23	22	23	24	24	21	20	18	16	16	16	14	13	16	24
6	11	11	9	9	9	10	11	11	14	16	15	12	6	9	11	13	15	14	13	12	10	10	10	11	11	16
7	11	12	12	10	10	10	11	10	10	14	14	15	16	18	20	18	17	17	13	10	10	8	8	9	13	20
8	6	7	7	7	7	8	8	8	9	11	12	13	13	16	16	12	10	11	11	10	10	8	10	10	10	16
9	10	9	7	7	8	8	9	12	14	14	15	16	18	20	20	20	21	21	16	12	11	11	10	7	13	21
10	6	6	6	5	4	4	10	12	11	14	18	22	24	23	24	23	24	25	23	18	15	14	12	12	15	25
11	10	10	7	5	5	8	12	16	20	22	23	21	17	22	22	22	22	21	19	16	13	13	13	13	16	23
12	9	7	5	4	2	3	8	12	14	15	16	16	16	15	18	21	22	21	19	13	10	9	9	8	12	22
13	7	7	5	3	2	4	10	14	17	21	23	23	23	24	26	28	29	29	27	20	18	15	13	13	17	29
14	11	9	7	4	4	6	13	18	22	25	28	30	30	30	31	32	33	33	31	25	23	23	23	24	21	33
15	23	22	17	13	11	11	11	12	14	16	16	18	18	18	18	17	16	15	14	12	11	10	10	9	15	23
16	9	8	6	3	4	6	7	10	13	14	16	18	18	20	21	20	23	24	22	16	11	10	8	8	13	24
17	5	5	4	3	1	4	9	14	18	22	26	27	28	29	30	30	31	32	29	21	19	18	17	14	18	32
18	13	12	10	10	7	9	14	19	24	27	28	28	29	31	32	31	29	29	28	27	25	25	25	20	22	32
19	19	18	19	18	15	14	18	22	24	24	25	25	22	18	20	21	22	21	20	19	18	18	17	16	20	25
20	15	14	13	13	13	13	15	18	20	22	23	20	20	21	22	22	23	22	21	19	17	14	15	15	18	23
21	15	14	12	12	13	14	16	20	19	18	18	16	15	15	15	17	16	14	11	9	8	10	11	11	14	20
22	10	10	10	9	9	10	11	14	16	18	20	19	15	16	20	17	13	13	13	13	11	9	8	8	13	20
23	8	7	6	6	7	9	12	14	16	18	20	22	20	22	22	24	24	22	19	18	17	15	16	15	16	24
24	13	13	12	11	12	13	13	13	16	19	21	22	24	23	21	19	17	16	16	14	12	12	11	9	16	24
25	7	6	6	7	7	8	11	15	19	19	22	24	22	22	17	16	19	21	21	17	12	12	11	10	15	24
26	8	7	6	4	2	5	10	13	17	20	20	21	22	22	22	23	24	29	28	19	17	14	12	11	16	29
27	9	8	6	5	6	9	16	18	19	23	25	27	27	28	28	29	30	30	29	22	17	16	13	13	19	30
28	13	11	9	7	8	10	13	18	23	25	25	25	27	29	30	30	30	30	30	25	23	19	18	16	21	30
29	13	12	11	9	9	9	12	18	22	24	25	28	27	29	25	19	21	23	22	20	18	16	14	14	18	29
30	13	8	6	7	7	9	14	17	17	19	22	24	23	23	24	21	18	18	19	16	13	11	10	9	15	24
31	7	7	7	7	7	8	12	15	19	21	23	26	27	28	30	29	29	27	24	20	18	14	14	13	18	30
AV	11	10	8	7	7	8	11	14	17	19	21	22	22	22	23	23	23	23	21	17	15	14	13	12	16	[ ]
SD	4	4	4	4	4	3	3	4	4	4	4	5	5	5	5	5	6	6	6	5	4	4	4	4	3	[ ]

OUTPT [VERSION N 28 JUL 76]

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	12	10	10	9	9	11	15	20	26	27	29	30	31	32	32	31	31	30	30	25	21	19	17	14	22	32
2	11	12	9	6	7	8	14	19	26	30	31	30	28	31	33	33	33	34	32	27	22	20	18	16	22	34
3	13	12	11	12	12	13	18	23	28	30	30	30	29	29	32	32	31	31	30	28	23	20	18	17	23	32
4	14	11	9	9	10	12	16	22	27	30	31	31	29	32	33	31	30	32	31	27	23	20	18	16	23	33
5	14	13	11	9	8	12	18	22	26	28	31	32	34	34	34	34	34	34	33	28	24	20	19	18	24	34
6	15	14	10	8	9	11	16	22	28	31	32	33	32	33	33	32	34	32	26	25	24	24	24	21	24	34
7	18	17	16	14	15	16	19	25	30	31	31	33	31	32	33	33	32	32	32	30	27	25	23	21	26	33
8	18	16	15	14	14	14	16	21	27	31	32	34	33	32	33	34	34	34	35	31	29	26	26	22	26	35
9	20	18	15	14	12	13	16	20	25	27	29	31	32	33	34	34	33	33	33	31	28	24	21	19	25	34
10	16	13	12	12	10	10	15	23	28	29	30	31	31	31	32	32	33	33	31	29	24	21	19	17	23	33
11	14	12	11	10	9	10	14	16	18	19	20	20	20	19	21	22	21	17	17	15	12	13	12	12	16	22
12	13	12	11	10	8	7	10	15	17	19	20	22	22	23	24	24	24	24	24	22	22	21	20	19	18	24
13	18	16	16	16	15	14	15	17	19	21	21	21	20	21	20	19	17	14	8	8	6	5	5	4	15	21
14	2	2	1	0	0	0	3	6	8	10	12	14	16	17	19	20	20	20	19	17	14	12	10	9	10	20
15	6	6	5	4	3	2	5	11	14	16	18	19	20	22	24	25	26	27	30	26	22	20	19	18	16	30
16	17	16	14	14	13	13	14	16	19	20	20	23	23	24	25	25	23	22	21	22	20	16	13	13	19	25
17	13	13	11	11	11	9	12	15	16	19	20	22	23	21	23	22	19	20	20	18	15	14	14	12	16	23
18	10	9	8	8	7	7	10	14	17	19	21	22	24	25	27	27	28	29	28	25	22	20	19	17	18	29
19	14	13	11	10	8	8	12	17	19	22	25	28	28	30	32	33	34	35	37	33	26	23	21	20	22	37
20	17	16	14	13	12	12	18	20	26	31	35	36	37	37	38	38	37	37	37	35	33	31	30	26	28	38
21	23	21	21	19	16	15	18	24	29	32	34	36	34	36	36	36	36	36	35	34	32	30	29	28	29	36
22	26	26	25	26	24	19	17	17	18	21	21	12	12	16	20	22	22	17	17	16	14	14	13	12	19	26
23	12	12	11	12	11	11	13	16	18	19	21	23	23	23	24	24	24	23	22	20	19	17	13	11	18	24
24	11	10	9	8	7	7	10	15	18	19	20	22	23	24	26	27	28	27	26	25	23	22	21	18	19	28
25	15	13	11	10	9	9	12	17	22	26	28	28	30	30	31	32	31	33	33	32	30	28	25	23	23	33
26	19	17	17	14	13	13	16	21	22	24	28	28	29	30	31	32	33	33	33	30	25	22	20	18	24	33
27	16	14	13	12	11	11	15	20	25	28	30	33	35	35	36	37	38	37	38	36	33	31	26	21	26	38
28	20	18	16	15	14	14	18	22	27	31	34	38	37	39	39	38	38	38	39	33	28	24	22	20	28	39
29	19	17	16	15	14	14	17	22	27	33	36	37	38	39	38	38	39	41	40	35	33	33	32	30	29	41
30	29	28	28	26	24	22	23	28	33	34	36	37	35	35	36	35	30	28	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	30	37
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AVG	16	14	13	12	11	11	14	19	23	25	27	28	28	29	30	30	30	29	29	26	23	21	20	18	22	[ ]
SD	5	5	5	5	5	4	4	4	6	6	6	7	6	6	6	6	6	7	8	7	6	6	6	5	5	[ ]

OUTPT: [VERSION N 28 JUL 76]

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	( )	( )
2	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	( )	( )
3	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	( )	( )
4	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	( )	( )
5	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	( )	( )
6	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	( )	( )
7	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	37	38	39	35	36	38	37	35	35	34	33	32	36	39
8	30	28	26	23	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	27	30
9	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	( )	( )
10	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	32	34	36	39	42	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	37	42
11	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	( )	( )
12	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	( )	( )
13	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	( )	( )
14	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	( )	( )
15	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	( )	( )
16	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	( )	( )
17	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	19	17	18	19
18	18	18	18	17	16	16	18	19	21	23	24	22	26	27	26	25	24	23	26	24	22	21	21	20	21	27
19	20	19	18	18	17	17	17	19	22	23	25	25	31	32	32	31	32	31	28	25	24	24	20	20	24	32
20	18	17	15	14	14	14	17	19	22	26	28	30	31	33	33	27	25	28	31	25	23	21	19	18	23	33
21	18	17	16	15	14	13	17	20	25	27	29	32	33	36	36	35	34	34	33	32	30	27	25	22	26	36
22	20	18	17	16	15	14	18	23	28	32	33	37	37	37	39	38	37	37	37	35	30	28	25	23	28	39
23	16	19	18	17	15	15	19	24	29	32	34	35	35	38	38	39	37	36	35	33	28	27	26	25	28	39
24	23	21	20	18	18	17	19	24	29	32	32	32	35	37	37	38	37	37	38	34	33	32	31	30	29	38
25	25	24	22	23	22	20	24	29	32	32	36	39	33	30	28	23	21	21	22	21	20	20	20	20	25	39
26	18	17	17	16	17	17	18	20	23	26	28	30	30	30	31	32	33	33	35	30	28	27	27	26	25	35
27	23	22	20	19	17	16	19	24	27	30	34	35	37	36	37	38	38	36	35	33	29	28	26	25	29	38
28	20	19	18	17	16	16	18	24	27	32	35	39	38	38	36	36	36	36	35	34	31	28	27	25	28	39
29	23	22	22	20	20	19	22	28	32	35	36	37	36	35	35	35	35	35	34	32	30	29	29	29	30	37
30	30	28	26	25	22	22	25	28	28	30	32	35	34	34	35	35	35	35	32	29	29	27	25	24	29	35
31	24	24	23	21	21	20	21	22	24	26	28	29	32	34	35	33	33	27	27	28	24	21	19	18	26	35
AV	22	21	20	19	17	17	19	23	27	29	31	33	34	34	34	33	33	32	32	30	28	26	25	23	27	( )
SD	4	4	3	3	3	3	2	3	4	4	4	5	4	3	4	5	5	5	4	4	4	4	4	4	4	( )

OUTPT (VERSION N 28 JUL 76)

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5.5	6.0	2.5	4.5	5.5	4.5	5.5	5.0	7.0	6.0	5.0	5.5	6.5	9.5	10.5	9.0	12.5	13.5	3.5	5.0	9.0	8.5	10.0	7.0	7.0	13.5
2	3.5	6.0	5.0	4.0	7.0	6.5	4.5	5.5	4.5	4.5	4.5	7.0	7.0	8.0	5.5	3.0	3.5	3.5	2.0	3.0	5.0	12.0	11.5	10.0	5.5	12.0
3	7.5	5.5	4.0	6.0	7.0	9.5	4.5	3.5	5.5	4.0	5.0	5.5	6.5	8.5	10.5	9.0	7.5	8.5	6.0	6.5	9.0	8.5	5.5	4.5	6.5	10.5
4	9.0	9.5	12.0	11.0	10.5	13.0	14.0	15.0	11.5	11.5	15.0	13.0	11.5	9.5	10.0	11.5	11.5	20.0	11.0	5.0	6.0	9.0	6.5	6.5	11.0	20.0
5	6.0	4.0	5.0	4.0	4.5	4.0	4.0	5.0	4.5	5.5	6.0	10.0	12.5	13.5	12.5	11.5	12.0	10.0	13.5	2.5	4.0	10.0	9.5	10.5	7.5	13.5
6	12.0	10.5	3.0	4.5	6.0	5.5	2.5	4.0	4.0	7.0	11.5	[MT]	4.0	5.0	8.5	9.5	7.0	2.5	6.0	10.0	5.0	4.5	3.0	2.5	6.0	12.0
7	2.5	2.5	2.5	2.5	2.5	2.5	3.0	3.0	3.5	4.0	5.5	5.5	7.5	7.0	5.0	5.5	4.0	4.5	9.5	4.5	4.5	4.0	5.5	5.5	4.5	9.5
8	7.0	7.0	4.5	4.0	3.5	4.0	7.0	7.0	7.0	10.5	8.5	8.0	5.0	4.0	8.0	10.0	7.0	5.5	7.0	7.0	7.0	8.0	7.5	5.0	6.5	10.5
9	4.5	5.0	3.5	6.0	4.5	4.0	2.5	2.5	4.0	5.0	7.0	4.0	5.0	6.0	7.5	9.5	12.5	11.5	19.5	18.5	20.0	18.0	14.5	12.0	8.5	20.0
10	8.5	4.0	5.0	5.5	7.0	5.5	4.0	3.0	6.0	4.5	4.5	6.0	4.5	11.0	6.5	4.5	3.5	5.0	3.0	3.0	4.5	5.0	6.0	6.0	5.5	11.0
11	6.0	6.5	5.0	7.0	5.5	3.0	2.5	3.5	3.0	5.5	14.0	15.5	19.0	12.0	19.0	26.0	29.5	25.5	22.5	25.5	21.0	19.5	18.0	12.0	13.5	29.5
12	5.0	2.5	4.5	5.5	5.5	6.0	4.0	4.0	3.5	9.5	16.0	15.5	10.5	9.0	11.0	7.5	8.0	10.0	9.5	6.0	4.5	5.5	5.0	5.5	7.0	16.0
13	6.5	6.5	7.0	6.0	12.0	9.5	11.0	6.0	5.0	4.0	6.0	5.5	6.0	6.5	5.5	3.5	3.5	3.0	2.5	6.0	14.0	6.0	8.0	4.5	6.5	14.0
14	8.0	8.0	7.0	9.5	8.5	8.5	6.5	4.0	6.0	6.0	4.0	6.0	8.0	6.5	6.0	8.0	11.5	7.5	6.0	8.0	8.5	10.5	15.0	14.5	8.0	15.0
15	12.0	11.0	9.5	8.0	7.5	12.5	12.5	9.5	10.5	10.5	9.0	9.0	13.0	14.0	15.5	16.5	18.0	18.5	19.5	16.0	16.5	14.0	8.0	10.0	12.5	19.5
16	9.0	10.0	7.0	4.0	7.0	10.0	9.0	6.0	7.0	7.0	5.5	6.0	6.0	6.0	6.5	5.5	4.0	3.5	2.0	2.5	3.0	5.0	5.5	7.5	6.0	10.0
17	7.0	7.5	5.5	7.0	6.5	8.5	5.5	2.5	5.0	4.5	4.5	6.5	8.5	8.5	8.0	6.0	6.0	5.5	3.5	8.0	9.0	10.5	10.5	11.0	7.0	11.0
18	9.5	4.0	5.0	4.5	4.0	5.0	3.5	3.0	7.0	7.0	5.5	7.5	8.5	11.5	8.0	11.0	7.5	8.0	7.5	5.5	7.0	4.0	5.0	6.5	6.5	11.5
19	3.5	5.0	10.0	7.5	3.5	4.5	3.5	4.0	6.0	8.0	11.0	6.0	6.5	8.5	9.0	9.0	10.5	11.0	11.0	9.0	16.5	14.5	9.5	5.5	8.0	16.5
20	5.5	3.5	3.0	3.5	8.5	11.0	7.5	6.0	4.0	5.0	11.0	9.5	12.0	18.5	15.5	12.0	6.0	7.5	4.5	6.0	8.5	10.0	8.5	9.5	8.0	18.5
21	6.5	3.0	3.5	6.0	6.5	2.0	2.5	3.5	5.5	6.5	10.0	11.5	15.5	10.0	3.5	3.0	2.5	4.5	3.0	3.5	4.5	5.0	4.0	9.5	5.5	15.5
22	8.0	7.0	4.0	4.0	3.5	2.5	2.5	2.5	2.5	5.5	4.0	7.0	6.0	5.5	8.5	9.5	13.0	15.0	7.0	5.0	4.0	3.5	6.0	10.0	6.0	15.0
23	9.5	5.5	4.5	6.0	4.5	3.0	2.5	3.5	2.5	4.0	4.5	4.5	5.5	5.0	5.0	4.5	5.0	5.5	7.0	5.5	6.5	6.0	11.0	5.0	5.0	11.0
24	6.0	6.0	3.0	7.0	4.5	4.0	4.0	6.0	5.0	5.5	6.0	12.0	4.0	7.0	14.0	11.5	8.5	10.5	3.5	10.0	9.5	7.0	10.5	11.0	7.5	14.0
25	5.0	5.0	5.0	3.5	7.0	7.0	4.0	3.0	3.0	4.5	4.0	11.5	16.0	12.0	16.0	10.5	4.0	6.0	7.5	11.5	9.0	7.5	4.0	5.0	7.0	16.0
26	5.0	6.5	8.5	7.0	7.0	7.0	5.5	4.5	6.5	5.5	5.0	6.0	6.0	7.5	8.0	5.0	5.0	4.0	4.0	2.5	4.0	8.0	9.0	7.0	6.0	9.0
27	6.0	3.0	7.0	6.0	4.5	5.0	5.5	3.5	5.0	6.0	6.0	8.0	10.0	9.0	7.5	11.0	11.5	10.0	4.5	3.0	6.5	12.5	11.5	10.5	7.0	12.5
28	10.5	7.5	2.5	2.5	3.5	2.5	2.0	2.5	3.5	6.5	12.5	7.5	4.5	10.0	11.5	9.0	13.0	10.0	10.5	10.0	8.0	7.0	7.0	5.5	7.0	13.0
29	7.5	7.0	3.5	2.5	3.5	3.5	5.5	6.5	4.0	4.5	6.5	5.0	8.0	6.5	10.5	21.5	17.5	16.5	16.0	9.5	12.0	9.5	5.0	5.5	8.0	21.5
30	4.0	4.5	5.0	2.5	4.5	5.5	9.5	7.0	4.5	3.5	7.0	9.0	8.0	8.0	4.5	7.5	10.0	14.5	17.0	15.0	13.0	12.0	11.0	11.0	8.5	17.0
31	12.0	11.5	4.0	5.0	5.5	4.0	5.0	3.5	4.0	4.5	4.0	6.5	8.0	7.5	12.5	8.0	12.0	10.0	4.0	3.0	5.5	13.0	11.0	10.0	7.5	13.0
AV	7.0	6.0	5.0	5.5	6.0	6.0	5.5	5.0	5.0	6.0	7.5	8.0	8.5	8.5	9.5	9.5	9.5	9.5	8.0	7.5	8.5	9.0	8.5	8.0	7.5	[ ]
SD	2.5	2.4	2.3	2.1	2.1	3.0	3.0	2.5	2.0	2.0	3.5	3.0	3.7	3.0	3.7	4.9	5.5	5.5	5.6	5.2	4.7	4.0	3.5	2.9	1.9	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****

* SUBJECT TO REVISION *

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	4.5	3.0	7.0	4.5	3.5	2.5	5.5	3.0	4.5	7.0	6.0	7.0	7.0	9.0	9.0	10.5	11.5	10.0	9.0	5.0	7.0	9.0	12.5	10.0	7.0	12.5
2	9.0	4.0	3.5	3.0	2.5	3.0	2.5	3.5	5.5	5.5	7.5	14.0	10.5	12.5	13.5	11.5	8.0	10.5	10.0	7.0	7.0	8.5	9.5	10.5	7.5	14.0
3	12.5	9.0	3.5	3.5	2.5	3.5	5.0	3.5	8.5	16.5	16.5	16.5	15.0	11.5	13.0	15.0	12.0	10.5	10.0	6.0	7.0	9.0	11.0	7.0	9.5	16.5
4	10.0	7.5	5.0	5.0	4.0	3.0	2.5	3.5	5.5	7.0	16.0	16.0	11.5	12.5	12.5	10.5	11.0	8.5	7.0	5.5	6.5	8.5	9.5	9.5	8.5	16.0
5	6.0	11.0	7.5	2.5	4.5	3.5	3.0	3.0	5.5	8.0	5.0	12.0	13.5	10.5	13.5	13.0	12.0	10.0	9.0	8.5	7.0	10.5	10.0	10.0	8.5	13.5
6	12.5	13.5	10.5	5.5	3.5	2.5	3.5	3.5	3.0	14.0	12.0	13.0	10.0	12.0	14.0	12.0	12.0	15.0	11.0	12.0	11.0	11.0	11.0	15.0	10.0	15.0
7	15.0	6.5	5.0	3.0	3.5	3.0	3.0	6.5	7.5	7.5	9.0	12.0	12.0	7.0	9.5	9.5	8.5	15.0	12.5	8.0	7.0	10.0	9.5	9.5	8.5	15.0
8	9.0	6.5	4.0	3.0	2.5	4.5	3.0	8.0	14.0	11.0	15.0	17.0	13.0	18.5	10.0	6.5	9.5	10.5	11.0	8.0	7.0	9.0	5.5	4.0	9.0	18.5
9	4.0	7.5	9.5	9.5	5.5	8.5	5.5	5.0	7.0	10.0	12.0	15.0	14.5	13.5	13.5	12.5	13.5	13.0	12.0	8.5	6.0	8.0	14.5	13.0	10.0	15.0
10	14.0	13.0	13.5	17.0	11.5	10.0	9.5	14.0	17.0	17.5	20.5	17.5	20.5	25.0	24.5	24.5	24.0	22.5	16.5	10.0	12.0	14.5	7.0	2.5	16.0	25.0
11	4.5	4.0	5.0	5.5	6.0	5.0	11.5	9.5	13.0	12.5	12.5	14.0	13.0	15.0	11.5	14.0	17.0	21.0	19.0	15.5	7.5	8.5	6.5	5.5	10.5	21.0
12	5.0	4.0	3.5	3.0	5.5	10.5	6.0	6.0	6.5	12.0	12.5	14.0	12.5	13.0	14.0	11.0	12.5	9.0	12.0	8.5	7.0	5.0	3.5	5.0	8.5	14.0
13	10.0	10.5	8.5	5.5	4.0	7.5	8.0	9.5	5.0	5.5	10.5	16.0	14.0	9.5	9.5	15.5	22.0	23.5	11.0	8.0	5.5	6.5	7.5	7.5	10.0	23.5
14	6.5	9.5	3.5	5.0	5.0	5.5	6.5	7.5	8.5	9.0	8.5	8.0	7.0	7.0	7.0	5.5	6.0	4.5	7.0	7.0	3.5	2.5	2.5	3.5	6.0	9.5
15	5.0	6.5	5.0	5.0	4.5	4.5	5.5	4.0	4.5	5.0	5.0	5.5	5.5	5.0	6.0	9.5	6.0	5.0	4.0	11.5	11.5	10.5	11.0	14.0	6.5	14.0
16	11.5	10.0	5.0	2.5	3.0	2.5	3.5	8.0	4.0	7.5	6.5	6.0	10.0	18.0	14.5	18.0	23.5	16.5	14.5	19.0	20.0	12.5	19.0	19.5	11.5	23.5
17	11.5	8.5	6.0	4.0	3.0	3.0	3.0	4.5	5.0	4.0	4.5	7.0	11.5	8.5	7.5	7.5	9.5	11.5	10.0	7.5	4.5	7.0	9.0	5.5	7.0	11.5
18	6.0	6.5	7.5	4.0	4.5	4.5	4.0	4.0	4.5	6.5	8.0	10.0	14.5	12.5	10.0	10.0	6.5	5.5	9.0	12.0	11.5	7.5	7.0	6.5	7.5	14.5
19	2.5	4.5	4.5	4.5	3.0	3.5	3.0	3.5	5.0	4.5	5.0	5.5	8.0	8.0	10.0	7.5	7.0	5.0	3.0	3.5	6.0	9.5	3.5	4.0	5.0	10.0
20	2.5	2.5	3.5	3.0	2.5	3.5	3.0	2.5	5.0	4.5	4.5	12.0	12.0	18.0	13.5	12.0	10.0	10.5	14.0	13.5	14.0	13.0	8.0	6.5	8.0	18.0
21	9.5	9.5	5.0	6.5	7.5	3.0	3.0	6.5	7.0	10.0	10.5	13.0	14.0	12.0	15.0	12.0	9.0	10.0	11.5	11.5	10.5	13.5	14.5	12.5	10.0	15.0
22	13.0	14.5	16.5	19.5	20.0	14.0	12.0	16.0	17.0	18.5	34.5	4.0	9.0	15.0	13.5	12.0	22.0	14.0	5.0	9.5	7.5	6.0	9.5	4.0	13.5	34.5
23	5.0	8.0	2.5	3.5	3.5	5.5	4.5	9.0	8.5	8.0	8.5	8.0	12.0	12.0	15.0	18.0	23.0	27.0	32.0	26.0	17.0	4.5	3.0	2.0	11.0	32.0
24	3.0	3.5	5.0	6.0	7.0	8.0	6.5	3.0	8.0	7.5	8.0	8.0	8.5	10.0	8.5	6.0	6.5	17.5	20.5	16.0	14.0	11.5	8.5	6.5	8.5	20.5
25	12.5	9.5	4.0	5.0	6.0	6.5	6.0	4.5	6.0	7.0	10.5	15.0	13.0	13.5	13.0	9.5	10.0	11.5	15.5	15.0	11.5	9.5	11.0	6.5	9.5	15.5
26	7.0	4.0	3.5	7.0	5.0	4.0	3.5	4.0	5.0	7.5	6.0	7.5	8.0	7.5	6.5	10.0	10.0	8.5	6.5	6.0	5.0	3.5	3.5	7.0	6.0	10.0
27	10.0	12.0	7.0	8.5	9.0	6.0	3.0	4.5	3.0	4.0	5.0	6.0	13.0	17.0	13.0	8.0	8.5	10.5	10.0	9.5	7.5	3.0	5.0	9.5	8.0	17.0
28	12.0	9.0	5.5	3.0	2.5	3.5	3.5	5.0	5.0	3.5	4.5	6.5	6.0	7.5	6.5	8.0	6.5	4.5	4.5	3.0	3.0	6.5	5.5	3.0	5.5	12.0
29	3.5	4.0	2.5	3.5	4.0	4.0	3.0	3.0	4.5	4.5	7.0	5.0	8.0	8.5	12.0	6.0	5.5	10.5	22.0	21.0	19.0	18.0	17.5	15.0	9.0	22.0
30	11.0	10.5	13.0	4.5	5.5	4.0	3.5	9.0	7.5	9.0	10.5	14.5	13.0	18.0	16.5	13.0	21.5	10.5	8.0	9.5	10.0	8.0	6.0	11.5	10.5	21.5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	8.5	8.0	6.0	5.5	5.0	5.0	5.0	6.0	7.0	8.5	10.0	11.0	11.5	12.5	12.0	11.5	12.0	12.0	11.5	10.5	9.0	9.0	8.5	8.0	9.0	[ ]
SD	3.7	3.3	3.4	3.8	3.4	2.7	2.5	3.3	3.6	4.0	6.1	4.2	3.2	4.4	3.7	4.0	5.8	5.6	5.9	5.1	4.3	3.4	4.1	4.2	2.3	[ ]

OUTPT (VERSION N 28 JUL 76)

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	9.0	11.0	4.5	5.0	6.0	7.5	6.0	7.0	7.5	7.0	7.5	5.0	7.5	11.0	9.0	7.5	8.5	7.0	6.0	6.0	9.0	10.0	5.0	3.0	7.0	11.0
2	5.0	17.0	14.0	10.5	3.0	6.5	4.0	2.5	4.5	6.0	8.5	7.5	5.0	10.0	12.5	16.0	12.0	13.0	6.5	6.5	9.5	13.5	7.5	6.0	8.5	17.0
3	8.0	6.0	5.5	6.0	5.0	3.0	2.5	3.5	3.5	4.0	6.5	5.0	7.0	9.5	10.0	8.0	5.0	4.5	5.0	3.5	2.5	10.0	12.5	12.0	6.0	12.5
4	7.5	7.0	6.0	8.0	7.0	7.5	5.5	3.5	4.5	5.0	7.5	7.0	9.0	16.0	10.0	10.0	11.5	10.0	7.5	3.5	5.5	12.0	7.0	7.5	7.5	16.0
5	8.0	8.0	7.5	10.5	7.5	6.0	5.5	4.5	5.5	6.5	8.0	7.5	8.5	11.0	10.0	9.5	7.0	5.5	5.5	3.5	6.0	10.0	13.5	9.5	7.5	13.5
6	5.5	7.0	8.5	7.0	6.5	5.5	3.5	2.5	4.0	5.5	4.5	5.5	6.5	6.0	7.0	6.0	7.0	15.0	11.0	10.0	6.5	7.0	3.5	11.5	7.0	15.0
7	5.0	7.0	9.5	3.5	3.5	4.0	3.5	3.0	[MT]	8.0	11.5	13.0	14.0	19.5	15.5	14.5	11.0	17.0	18.0	14.5	12.5	13.5	22.5	22.0	11.5	22.5
8	12.0	5.0	5.0	3.0	3.5	2.0	2.0	3.5	5.5	6.0	9.0	11.0	12.5	9.5	9.5	8.0	5.5	7.0	5.0	8.5	12.0	14.5	13.5	9.0	7.5	14.5
9	3.5	8.0	10.0	11.0	10.5	5.5	5.5	6.0	5.0	6.5	8.0	10.0	8.5	10.0	16.5	8.5	7.0	8.0	4.5	6.5	10.0	16.0	10.0	14.5	8.5	16.5
10	14.0	15.5	13.5	4.5	5.0	3.0	5.0	4.0	5.0	6.0	8.0	7.5	6.5	8.5	8.5	19.5	14.5	10.0	6.5	5.5	17.5	14.5	10.0	2.0	9.0	19.5
11	4.0	3.5	3.0	8.0	9.5	9.5	7.5	4.0	6.0	4.5	5.5	5.5	6.0	7.5	7.5	11.5	4.5	9.5	16.0	6.5	5.5	7.5	5.5	5.5	7.0	16.0
12	11.5	9.5	13.0	11.5	5.0	5.0	6.0	7.0	6.0	5.0	6.0	6.5	17.0	10.5	14.0	6.0	11.5	10.5	10.5	4.5	4.5	4.0	7.5	5.5	8.5	17.0
13	7.0	5.0	3.5	3.5	3.0	4.5	2.5	6.5	4.0	4.5	6.0	8.0	8.5	11.5	12.0	11.5	9.0	6.5	4.0	3.0	2.5	4.0	4.5	4.5	6.0	12.0
14	3.5	4.5	3.5	4.5	3.5	6.5	3.0	4.0	6.0	6.0	5.0	8.5	7.5	14.5	18.0	8.5	10.5	12.0	9.5	6.0	3.5	3.5	3.5	3.0	6.5	18.0
15	4.5	6.5	6.5	7.0	7.5	6.0	6.5	3.5	3.5	4.5	5.5	6.5	6.5	7.0	6.5	5.5	4.5	4.5	4.0	2.5	3.5	5.5	5.0	6.5	5.5	7.5
16	5.5	3.0	3.5	4.5	3.5	5.0	4.5	4.0	2.5	4.5	5.5	7.5	8.5	10.0	9.5	8.5	7.0	7.0	4.5	4.0	4.0	7.0	6.5	6.0	5.5	10.0
17	5.5	6.5	3.5	4.0	2.5	3.0	3.5	6.0	8.0	9.5	11.0	10.5	6.5	7.5	5.5	14.0	12.5	15.0	19.0	4.5	8.0	9.0	5.0	4.0	7.5	19.0
18	5.0	11.0	8.5	4.0	1.5	1.5	3.0	5.0	3.5	4.0	9.5	7.5	7.0	14.5	16.0	16.5	11.0	10.5	5.0	12.5	12.5	9.5	8.0	3.0	8.0	18.0
19	3.0	4.5	3.0	2.5	2.0	2.5	3.0	2.5	3.5	5.0	6.5	7.0	8.0	7.0	16.5	18.5	10.0	9.5	15.5	16.5	21.5	13.0	6.5	15.5	8.5	21.5
20	15.0	7.5	4.5	4.5	6.0	6.0	8.0	5.0	4.0	4.0	4.0	5.0	7.0	6.5	6.0	22.0	11.5	5.0	6.5	7.5	8.5	10.0	8.0	10.0	7.5	22.0
21	6.5	6.5	7.0	7.0	7.5	8.0	9.0	3.0	5.0	7.0	6.0	6.0	7.0	6.5	7.0	9.5	12.5	9.5	7.5	4.0	5.5	4.0	3.5	5.5	6.5	12.5
22	5.0	6.0	6.5	6.5	6.5	5.5	7.5	3.5	4.5	5.0	4.5	7.5	4.5	6.0	7.0	7.5	6.5	5.5	8.5	5.5	4.5	3.0	7.0	7.5	6.0	8.5
23	4.5	7.5	7.5	9.5	8.0	8.0	5.0	3.0	5.0	6.5	7.0	6.5	8.0	7.0	7.0	9.0	8.5	7.0	5.5	6.0	8.0	14.5	12.0	7.5	7.5	14.5
24	7.0	3.5	5.5	6.5	5.0	5.0	5.5	9.0	7.0	6.0	6.0	8.0	9.0	7.5	7.5	6.5	12.0	12.5	8.5	8.0	10.0	7.0	7.0	11.5	7.5	12.5
25	8.5	8.5	9.5	8.5	8.0	5.5	6.0	9.5	5.5	6.5	5.0	6.5	16.0	16.5	18.0	11.0	16.5	12.0	10.0	4.0	6.0	4.5	3.0	2.5	8.5	18.0
26	3.0	2.5	5.0	5.0	7.0	6.0	2.5	2.5	2.5	4.0	4.5	5.5	7.0	10.0	14.0	14.5	10.5	7.5	6.0	8.0	10.0	11.0	8.5	7.0	7.0	14.5
27	15.5	8.0	6.5	4.5	5.5	4.0	3.5	5.0	5.5	4.0	4.5	7.0	8.5	8.5	9.5	10.5	10.5	14.0	11.0	5.5	2.5	4.0	9.5	7.0	7.5	15.5
28	7.0	5.0	7.0	6.5	7.0	10.0	6.0	7.5	4.0	3.5	5.5	6.5	10.0	15.5	20.5	14.5	6.5	6.5	9.0	7.5	3.5	8.0	10.5	5.5	8.0	20.5
29	6.0	4.0	6.5	6.0	6.5	7.5	9.0	4.5	3.5	6.5	9.0	8.5	7.0	13.0	10.5	16.5	11.5	8.5	5.5	3.5	3.0	6.0	7.5	7.0	7.5	16.5
30	6.5	4.0	3.5	4.5	2.0	3.0	4.0	6.5	5.0	5.0	8.0	6.5	2.5	7.0	8.5	12.0	11.0	13.5	19.5	9.5	9.5	12.0	14.5	8.5	8.0	19.5
31	5.0	9.5	10.5	8.0	4.0	4.0	3.5	5.0	6.0	7.0	9.5	9.5	10.5	11.0	10.5	9.0	9.0	14.5	9.0	15.0	9.5	4.5	3.5	3.5	8.0	15.0
AV	7.0	7.0	7.0	6.5	5.5	5.5	5.0	4.5	5.0	5.5	7.0	7.5	8.5	10.0	11.0	11.5	9.5	9.5	8.5	7.0	7.5	9.0	8.0	7.5	7.5	[ ]
SD	3.3	3.3	3.0	2.4	2.2	2.1	1.9	1.9	1.3	1.3	2.0	1.8	2.8	3.4	4.1	4.2	2.9	3.4	4.4	3.6	4.4	3.9	4.1	4.1	1.2	[ ]

OUTPT [VERSION N 28 JUL 76]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

MAY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 19/SEP/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	110	110	120	100	115	105	105	25	305	305	265	310	350	295	295	330	320	310	180	130	145	130	145	160	6	
2	120	115	110	115	115	115	115	95	320	310	325	280	325	325	305	325	65	15	220	290	115	140	145	110	6	
3	110	195	125	110	125	125	160	115	305	295	325	315	330	165	185	215	155	190	190	165	175	215	185	220	8	
4	180	165	170	170	175	180	170	170	15	280	260	225	220	235	230	235	275	310	240	215	215	175	130	125	9	
5	110	120	105	120	115	120	115	335	300	295	320	295	285	305	300	280	285	300	310	40	75	275	295	265	14	
6	275	285	230	155	135	180	125	85	325	300	300	[MT]	75	235	110	100	100	20	110	140	145	135	50	80	7	
7	65	115	115	110	130	45	150	110	90	340	60	35	345	80	25	310	305	300	260	250	165	140	155	160	6	
8	140	175	145	120	110	135	115	95	120	130	135	135	230	335	10	185	200	135	130	130	135	140	145	135	6	
9	175	190	155	135	155	50	90	45	325	320	285	350	325	290	300	285	275	310	130	130	140	140	135	145	7	
10	110	110	120	115	125	110	85	320	305	290	280	295	300	145	65	305	205	255	235	175	155	110	110	135	6	
11	120	105	130	130	125	45	15	290	290	290	265	245	265	305	260	285	275	280	280	275	280	280	275	255	13	
12	185	120	110	95	95	95	105	0	10	315	295	305	310	310	300	355	0	310	310	265	115	95	130	135	6	
13	105	100	100	110	120	120	135	120	40	320	275	335	275	295	260	295	20	150	190	130	145	65	115	120	6	
14	110	115	105	100	95	105	90	350	290	285	285	255	285	290	55	210	245	210	150	130	125	145	150	160	6	
15	300	290	300	0	75	80	90	70	65	65	70	65	65	85	75	75	85	85	75	80	80	70	70	75	[VA]	
16	80	85	80	95	95	100	80	70	35	325	340	345	275	320	290	260	300	75	135	325	70	100	100	105	5	
17	95	100	105	100	105	110	25	355	300	285	285	285	340	290	285	0	15	290	20	105	130	130	130	120	6	
18	160	200	100	115	80	100	95	15	275	280	265	255	230	185	110	200	175	200	220	235	240	200	205	120	10	
19	55	125	155	165	5	225	245	195	270	285	335	225	55	130	295	80	130	135	130	125	120	120	145	125	7	
20	310	185	115	140	120	120	140	170	230	110	95	180	115	120	120	110	140	115	75	110	125	125	120	130	6	
21	75	120	165	110	130	130	100	95	100	75	145	150	115	135	75	320	355	335	205	135	235	265	175	130	6	
22	125	130	165	180	120	100	120	340	10	275	290	265	60	200	165	155	180	155	135	80	105	195	125	130	7	
23	130	110	115	115	135	225	150	85	325	285	290	330	350	170	305	0	345	335	70	120	115	120	275	60	6	
24	105	95	140	55	105	120	345	290	285	265	280	290	15	170	135	5	115	110	265	145	145	125	130	155	[VA]	
25	350	105	95	85	110	120	115	75	305	300	310	290	265	195	230	325	10	110	125	135	135	125	65	120	6	
26	115	105	115	115	110	110	115	305	325	290	300	260	330	250	295	335	330	280	20	35	125	125	120	105	6	
27	180	135	110	115	110	115	115	325	310	300	325	295	270	270	315	285	295	285	255	150	115	145	140	135	14	
28	115	120	145	25	100	180	230	310	5	325	305	95	15	250	205	185	240	210	170	170	170	150	210	185	9	
29	125	130	100	320	115	135	115	85	355	290	285	300	260	165	15	285	300	305	300	290	270	300	280	255	14	
30	125	100	135	75	95	110	135	165	80	315	300	320	270	265	310	340	75	135	125	130	145	145	135	150	7	
31	145	145	105	110	110	110	120	0	335	285	290	315	30	115	110	325	250	270	275	210	145	135	140	145	[VA]	
PV	6	6	6	6	6	6	6	5	14	14	14	[VA]	13	14	14	15	13	14	7	[VA]	7	7	7	7	6	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	135	95	85	140	345	185	110	20	15	290	235	310	275	45	155	210	270	255	265	205	165	145	150	145	7	
2	115	20	100	40	230	305	100	5	350	310	290	315	315	160	155	160	160	170	190	195	200	150	140	140	8	
3	130	125	15	110	65	40	300	305	265	140	150	160	165	205	170	160	175	210	220	225	175	165	165	135	8	
4	115	0	40	105	105	250	15	345	295	295	145	155	175	155	160	185	10	205	210	225	185	170	155	185	9	
5	210	145	110	125	110	120	100	355	305	310	325	125	130	135	145	145	145	155	165	165	160	145	145	155	7	
6	135	120	145	100	95	275	315	310	90	200	205	180	210	215	160	180	160	170	150	150	150	150	145	230	8	
7	135	250	285	295	140	145	125	125	165	190	170	160	310	255	215	215	215	160	155	160	150	155	155	155	8	
8	150	150	280	110	130	130	125	150	155	165	170	165	175	165	215	205	215	195	250	275	225	200	280	205	8	
9	140	150	155	150	130	135	125	240	325	320	235	180	170	175	170	190	190	210	200	210	180	160	155	160	8	
10	160	155	160	155	150	160	155	165	165	165	160	165	160	160	170	165	170	165	170	220	285	310	315	240	[VA]	
11	135	185	170	155	185	230	290	285	205	185	185	205	240	300	260	255	260	310	310	305	180	175	165	225	9	
12	260	215	205	180	140	160	205	270	270	285	300	290	290	270	275	280	260	255	255	255	220	225	220	195	13	
13	155	150	250	265	205	145	145	130	50	20	290	310	320	320	330	330	315	310	310	310	195	160	150	135	15	
14	115	150	180	170	175	155	190	260	260	275	270	285	275	275	275	320	10	345	35	20	30	40	85	145	13	
15	110	125	120	130	120	120	55	325	335	105	150	40	340	150	350	305	285	350	220	165	175	170	180	180	[VA]	
16	170	170	310	40	335	145	140	175	230	295	270	275	315	310	310	320	315	305	295	300	300	35	140	140	14	
17	150	130	120	125	330	130	40	295	310	310	185	285	305	15	85	110	10	145	150	155	115	125	120	120	7	
18	125	120	140	115	130	125	55	300	310	315	300	315	295	305	305	305	345	55	75	100	85	100	105	110	15	
19	125	110	150	140	120	85	325	325	325	305	290	295	315	310	300	310	335	315	10	95	130	145	135	150	15	
20	225	100	5	140	65	170	320	55	5	35	320	240	215	155	195	190	215	205	175	155	155	170	215	195	9	
21	185	190	40	170	160	120	40	335	320	320	230	260	250	245	270	250	240	205	175	175	160	155	160	155	9	
22	150	155	165	160	170	150	140	145	145	140	350	45	60	130	280	325	305	305	150	145	150	120	120	115	7	
23	135	160	250	150	175	150	260	285	275	300	280	280	280	290	290	295	295	295	300	300	310	300	25	85	[VA]	
24	120	110	120	115	125	130	125	340	315	285	275	290	275	275	265	260	270	295	305	305	295	280	245	155	14	
25	150	150	130	135	125	125	135	340	315	255	270	250	235	235	240	240	260	265	275	265	260	185	185	230	13	
26	205	210	205	240	330	200	335	355	325	295	245	295	305	300	280	295	300	315	320	325	85	325	45	130	15	
27	140	150	120	140	130	130	105	250	330	315	305	295	310	310	300	320	300	290	310	315	290	300	105	130	15	
28	140	180	85	30	130	155	65	310	320	285	290	290	280	280	265	315	310	275	50	45	60	120	110	125	[VA]	
29	245	130	145	130	115	120	355	70	340	305	315	325	295	225	200	220	280	180	120	135	145	150	150	150	7	
30	135	145	145	245	180	150	10	205	205	210	190	170	160	155	150	160	250	305	235	165	165	145	160	155	8	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	7	[VA]	[VA]	7	7	7	7	15	15	14	14	14	15	8	13	15	13	15	8	8	[VA]	8	7	7	8	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	150	155	225	120	135	145	220	250	180	240	305	140	105	105	100	125	160	205	185	175	155	140	290	290	[VA]	
2	130	110	115	115	235	150	190	315	310	325	310	300	325	300	250	275	265	265	255	285	295	295	290	130	14	
3	130	70	105	130	205	205	75	335	320	315	295	320	325	310	320	320	310	15	345	255	170	155	155	150	15	
4	130	140	120	125	125	130	115	70	320	320	325	320	275	305	295	250	260	250	275	215	115	150	160	145	7	
5	140	130	130	145	130	130	135	290	315	315	295	305	310	310	300	310	325	5	305	10	145	135	150	210	15	
6	150	140	155	155	145	120	25	45	325	315	300	265	295	310	350	265	270	305	305	280	265	135	175	155	15	
7	205	155	160	330	145	130	105	25	[AT]	315	310	180	135	140	160	125	145	150	155	150	140	150	140	140	[VA]	
8	150	140	260	200	125	105	20	65	320	325	320	305	320	315	145	170	275	310	255	140	155	155	155	160	8	
9	35	145	155	155	150	155	140	155	225	290	310	305	300	40	150	160	0	125	130	155	155	145	20	165	[VA]	
10	145	150	160	235	135	175	145	125	350	320	320	310	310	300	265	150	140	250	315	50	120	130	140	140	7	
11	220	175	135	140	140	135	135	0	315	325	315	0	290	260	300	220	230	230	295	230	185	155	135	135	7	
12	155	170	175	190	160	45	145	155	250	295	195	270	300	10	145	155	145	155	185	315	330	90	150	125	8	
13	100	145	150	125	120	130	355	315	290	300	325	300	305	290	285	295	330	265	295	15	80	155	290	140	14	
14	180	125	120	110	150	110	0	310	315	300	305	325	295	295	300	270	295	310	305	290	265	165	215	355	14	
15	115	120	120	125	130	125	120	345	345	45	295	325	55	90	80	265	20	5	65	100	135	140	120	120	6	
16	130	285	155	130	140	130	120	120	345	0	320	320	285	315	285	295	310	330	45	30	90	165	215	195	15	
17	140	155	345	120	185	150	110	145	240	315	295	315	330	240	170	295	320	305	290	195	190	155	95	145	15	
18	285	145	205	310	100	20	125	130	100	10	305	310	300	300	305	300	295	295	185	140	130	150	145	185	14	
19	210	185	225	300	60	130	0	220	75	295	320	320	325	305	175	145	130	135	160	160	145	265	50	130	7	
20	150	145	35	265	150	185	135	210	225	310	250	305	315	160	80	290	305	85	165	160	150	150	140	140	8	
21	135	135	125	130	130	125	130	280	320	305	300	280	300	270	270	285	325	315	320	320	310	355	125	115	15	
22	115	140	120	115	115	110	120	90	290	305	310	310	310	265	285	315	75	335	325	315	300	215	125	95	[VA]	
23	115	145	130	130	120	120	105	120	310	310	300	310	325	25	30	15	20	335	70	100	145	150	145	115	[VA]	
24	170	345	95	150	130	125	125	140	40	60	250	315	320	280	275	190	155	145	155	165	155	210	200	180	8	
25	180	155	170	165	160	135	155	185	235	295	290	150	145	165	115	195	275	345	140	60	135	210	200	145	8	
26	215	105	150	125	145	140	320	120	75	330	300	345	310	300	195	130	135	120	130	145	140	140	165	155	7	
27	145	145	150	140	145	125	35	305	300	265	315	280	295	5	265	295	305	310	300	280	60	115	145	140	7	
28	125	135	130	120	130	130	115	120	170	345	220	170	300	300	315	310	305	320	310	290	220	140	145	125	7	
29	130	125	115	115	125	115	130	90	325	315	315	320	350	125	190	300	320	330	60	80	85	105	110	90	7	
30	325	60	145	335	170	310	215	280	335	300	310	320	295	300	310	305	315	310	295	240	110	90	100	135	15	
31	120	245	265	275	150	125	140	80	315	310	300	295	300	305	305	320	305	275	255	185	240	20	85	115	14	
PV	7	[VA]	7	7	7	7	7	7	15	15	[VA]	15	[VA]	14	14	14	15	16	[VA]	8	[VA]	7	7	7	7	

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

MAY,1976

AEROVIRONMENT INC.

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*                    *
*  PRELIMINARY DATA  *
*  AS OF 19/SEP/76   *
*                    *
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*                    *
*    SUBJECT TO      *
*     REVISION       *
*                    *
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CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	4	2	0	1	1	2	4	7	10	14	16	17	18	19	18	19	20	20	16	13	13	13	13	11	20
2	11	8	6	6	5	5	7	10	14	17	19	20	20	22	23	25	24	23	22	19	16	15	14	12	15	25
3	14	13	8	6	6	8	10	12	14	17	21	23	25	27	30	25	23	23	23	22	20	18	17	17	18	30
4	18	18	18	17	15	15	16	18	20	23	23	24	24	24	24	25	22	21	20	18	17	14	13	14	19	25
5	12	11	11	10	9	9	11	12	15	20	22	23	22	22	21	21	22	20	18	17	16	15	14	13	16	23
6	11	8	7	9	10	10	10	9	12	14	12	[MT]	9	11	10	13	14	14	13	8	8	8	8	9	10	14
7	8	9	7	5	5	7	10	11	13	14	15	16	13	17	18	16	17	18	15	12	11	10	10	10	12	18
8	7	7	6	5	6	6	7	6	7	8	9	10	14	14	13	10	9	9	10	10	9	9	9	8	9	14
9	9	9	8	7	6	7	10	14	15	14	15	16	17	17	19	19	18	16	13	11	10	10	10	9	12	19
10	10	8	8	8	8	9	11	11	12	14	16	19	20	20	23	25	22	20	20	18	16	12	13	13	15	25
11	12	11	11	11	11	12	13	15	17	17	19	19	19	21	20	19	20	19	18	16	14	10	9	10	15	21
12	9	6	5	4	4	6	8	11	13	13	13	13	14	17	19	20	19	19	19	19	16	11	8	8	12	20
13	8	5	5	6	6	6	9	13	18	19	20	21	24	24	25	26	25	25	22	19	17	14	13	12	15	26
14	11	11	11	9	8	8	12	15	17	19	24	26	28	29	32	31	31	30	29	24	20	23	24	24	21	32
15	21	20	17	12	10	9	10	9	12	14	15	16	16	16	17	15	12	11	11	9	8	8	7	7	13	21
16	8	6	5	3	2	3	5	8	10	13	15	15	16	18	16	18	19	20	20	18	14	12	10	6	12	20
17	7	7	6	6	6	6	10	13	14	18	21	23	24	25	27	27	28	27	26	22	20	19	17	18	17	28
18	18	17	12	12	14	14	17	19	19	21	24	26	29	29	28	29	27	25	25	24	23	21	20	19	21	29
19	17	18	19	18	18	18	20	20	20	22	22	22	22	19	18	19	19	19	20	19	18	17	17	17	19	22
20	16	15	13	11	12	12	13	14	16	18	19	16	16	18	18	20	20	19	18	17	14	13	13	12	16	20
21	11	13	11	12	12	12	14	17	16	15	14	11	12	12	13	13	12	11	12	12	12	11	9	8	12	17
22	9	10	8	8	8	9	9	11	13	14	15	15	12	12	13	13	10	8	9	9	10	9	6	5	10	15
23	8	7	8	8	6	7	9	11	12	14	15	17	19	22	21	22	23	21	19	17	15	13	14	15	14	23
24	11	10	9	9	8	9	9	11	13	15	16	16	19	21	21	17	13	12	12	12	12	11	11	11	13	21
25	9	8	6	7	7	6	8	13	15	17	20	20	18	18	16	17	20	19	19	16	13	13	11	9	14	20
26	9	7	7	5	7	10	13	14	16	19	21	22	20	21	22	23	23	23	23	20	18	15	12	12	16	23
27	11	9	7	8	8	10	12	16	16	19	22	24	23	25	26	26	27	27	29	24	20	18	19	20	19	29
28	19	18	16	14	14	16	17	19	23	24	25	26	26	29	30	30	29	28	28	25	25	22	20	20	23	30
29	19	17	15	15	13	13	15	21	22	22	25	27	24	24	25	19	19	20	20	20	20	16	14	14	19	27
30	13	8	6	8	8	7	11	15	16	17	18	20	20	21	20	19	15	13	12	12	12	12	11	11	14	21
31	11	11	7	7	7	8	12	15	17	21	24	26	25	25	25	27	28	26	24	21	19	20	18	15	13	28
AV	12	11	9	9	8	9	11	13	15	17	18	20	20	21	21	21	20	20	19	17	15	14	13	13	15	[ ]
SD	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	6	6	5	5	4	4	4	4	3	[ ]

OUTPT (VERSION N 28 JUL 76)

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	14	14	14	9	10	12	17	20	21	22	26	30	29	28	30	30	30	29	28	25	22	20	19	19	22	30
2	17	15	14	14	14	14	17	20	23	25	29	30	29	31	30	31	29	29	29	26	24	22	21	21	23	31
3	20	20	20	19	18	18	20	23	26	27	28	28	27	28	28	28	30	31	30	29	24	22	20	20	24	31
4	19	18	16	13	14	16	19	21	22	27	29	29	28	29	30	30	30	29	28	27	24	22	20	20	23	30
5	19	18	15	12	12	14	18	22	26	30	31	31	30	31	31	31	33	32	32	29	26	25	22	22	25	33
6	20	20	20	18	18	19	21	22	27	30	30	30	30	30	31	31	30	30	27	25	24	23	22	21	25	31
7	21	20	20	19	18	18	20	23	26	29	30	32	28	30	31	30	30	29	28	27	24	23	22	22	25	32
8	21	20	20	19	18	18	21	23	28	30	31	31	31	30	30	32	35	31	31	30	28	27	26	24	26	33
9	22	20	20	20	19	18	20	23	24	26	29	31	30	31	32	32	31	31	30	29	26	25	22	22	26	32
10	21	20	19	19	19	20	22	26	27	27	28	29	29	30	30	31	30	30	28	27	21	19	17	15	24	31
11	14	14	13	13	13	14	14	15	17	19	19	20	19	19	20	21	20	15	15	14	11	12	11	11	16	21
12	11	11	11	10	8	9	11	14	16	17	18	20	20	22	22	22	23	22	22	21	20	19	19	18	17	23
13	17	16	16	16	16	14	16	17	19	20	20	20	19	19	20	19	16	14	8	7	5	4	3	3	14	20
14	1	1	1	1	1	2	4	6	8	10	12	13	15	16	17	18	19	19	18	16	13	12	11	9	10	19
15	7	7	7	6	5	6	8	10	12	16	18	20	21	22	23	24	25	25	26	23	21	20	20	19	16	26
16	20	20	20	18	18	17	18	21	22	22	21	23	23	23	24	24	22	21	21	21	19	14	12	12	20	24
17	11	11	11	10	10	10	12	14	14	16	19	21	19	19	22	19	16	16	16	15	14	13	12	11	15	22
18	8	8	8	7	6	7	9	11	14	16	19	20	21	22	24	25	25	25	25	22	20	18	17	17	16	25
19	14	12	11	10	10	10	12	15	17	20	22	25	26	28	29	30	31	32	33	30	26	25	24	23	21	33
20	21	19	19	17	16	16	17	22	24	28	33	35	36	36	37	37	37	36	35	33	31	31	29	27	28	37
21	26	26	23	22	22	21	22	25	26	29	32	34	34	35	35	36	36	35	34	33	31	30	29	28	29	36
22	25	25	25	24	20	16	15	15	14	18	17	12	13	17	19	20	20	14	14	14	13	13	13	12	17	25
23	13	12	13	12	11	11	13	14	16	18	19	21	21	22	23	23	23	22	20	19	18	16	16	14	17	23
24	12	10	9	8	8	8	11	14	15	17	19	21	22	23	24	26	26	26	24	24	22	21	20	18	16	26
25	14	14	14	13	12	13	15	19	20	24	26	28	28	28	30	29	29	30	30	29	28	26	25	24	23	30
26	22	21	19	20	19	18	19	20	21	22	24	25	25	27	28	29	29	30	30	29	26	25	23	20	24	30
27	19	19	16	14	14	14	16	19	20	24	26	29	31	33	35	36	36	35	35	34	31	29	25	23	26	36
28	22	21	20	18	16	17	18	20	22	27	30	32	33	34	35	36	36	36	35	32	30	27	25	24	27	36
29	22	20	19	18	16	16	18	22	26	27	31	33	35	36	36	37	37	37	35	33	31	30	29	28	28	37
30	26	25	25	25	25	24	26	28	31	31	33	34	34	33	34	33	29	26	25	24	24	24	25	25	28	34
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	17	17	16	15	14	14	16	19	21	23	25	26	26	27	28	28	28	27	26	25	23	21	20	19	22	[ ]
SD	6	6	5	6	5	5	5	5	5	5	6	6	6	6	5	6	6	7	7	7	6	6	6	6	5	[ ]

OUTPT [VERSION N 28 JUL 76]

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	24	24	23	21	21	21	22	24	27	29	30	28	30	31	31	33	34	33	32	30	28	25	25	24	27	34
2	22	22	23	22	20	19	19	21	22	24	26	29	31	32	34	35	34	34	33	32	30	29	27	26	27	35
3	22	21	20	18	16	17	19	20	23	25	28	30	32	33	33	33	35	35	35	33	29	27	26	25	26	35
4	22	20	19	19	18	17	19	23	25	28	30	33	35	35	36	37	38	37	36	34	29	27	26	24	28	38
5	23	22	21	21	18	18	20	23	25	29	31	34	35	36	37	38	37	38	38	36	32	31	29	28	29	38
6	26	25	24	23	22	21	22	24	27	29	33	36	35	37	38	39	37	36	35	34	32	29	29	27	30	39
7	26	26	25	25	24	24	25	30	[MT]	32	34	34	35	36	33	34	35	33	32	31	31	29	28	27	30	36
8	27	25	25	25	23	23	24	27	28	31	32	34	36	37	38	37	38	38	37	35	32	30	29	29	31	38
9	29	28	28	27	27	27	28	31	34	35	35	36	38	38	38	40	40	39	38	37	34	32	31	30	33	40
10	29	29	27	27	25	24	25	28	30	32	34	36	39	40	40	38	37	36	36	34	33	30	28	27	32	40
11	26	25	23	22	21	22	22	25	28	30	32	35	37	38	37	36	36	36	33	32	30	29	27	26	30	38
12	26	27	28	27	26	25	26	29	31	31	33	35	31	31	28	27	27	29	29	28	27	25	24	24	28	35
13	24	23	22	20	18	18	20	21	23	26	28	29	31	32	33	33	33	34	33	32	30	27	27	26	27	34
14	23	22	20	19	18	18	20	21	24	27	31	33	34	34	31	31	33	32	31	30	29	26	24	23	26	34
15	21	19	19	19	18	18	19	22	25	28	31	32	30	35	36	36	37	35	36	34	30	29	25	24	27	37
16	24	23	20	19	18	18	18	21	24	29	31	33	36	37	37	37	38	37	37	34	33	31	30	28	29	38
17	28	28	27	25	24	24	25	28	31	31	33	33	33	34	36	35	30	29	24	20	19	19	17	17	27	36
18	19	18	16	16	17	17	18	19	22	24	23	22	23	24	24	24	23	22	23	22	20	20	20	19	21	24
19	20	20	20	19	18	18	19	20	23	24	25	26	28	29	28	28	29	29	25	22	20	21	18	17	23	29
20	18	17	16	16	15	14	16	18	22	22	25	27	29	32	31	26	24	24	26	24	23	21	20	19	22	32
21	19	18	17	16	15	15	17	19	21	24	26	29	32	34	34	34	33	32	32	31	29	27	25	22	25	34
22	20	19	18	18	17	16	18	22	24	26	29	31	34	35	36	35	35	34	34	33	31	29	25	24	27	36
23	23	21	20	20	19	18	20	24	25	27	30	32	35	36	37	38	37	37	37	34	31	29	27	27	29	38
24	27	26	24	24	22	21	22	26	29	30	32	33	34	35	35	36	35	34	34	32	30	29	29	28	29	36
25	28	25	25	25	24	23	24	27	29	29	30	33	31	30	28	23	20	20	20	20	19	20	19	19	25	33
26	19	19	18	18	18	17	18	18	20	21	24	27	27	29	30	29	29	29	30	28	25	23	24	24	24	30
27	23	21	20	20	18	18	20	21	25	28	30	32	33	34	34	34	34	33	31	30	29	25	24	24	27	34
28	22	21	20	19	19	19	19	22	26	29	33	35	35	35	33	34	34	33	33	31	29	27	26	25	27	35
29	24	24	22	21	21	20	22	25	27	30	31	33	34	31	33	33	33	33	33	31	29	29	28	27	28	34
30	26	26	25	24	22	22	23	24	25	26	28	30	33	34	34	34	34	33	31	28	27	25	23	22	27	34
31	21	21	20	19	18	17	18	21	22	23	24	26	30	31	32	32	32	28	26	27	22	20	19	18	24	32
AV	24	23	22	21	20	20	21	23	26	28	30	31	33	34	34	34	33	33	32	30	28	26	25	24	27	[ ]
60	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	5	5	4	4	4	4	4	3	[ ]

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 13

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1																										
2																										
3																										
4																										
5																										
6																										
7																										
8																										
9																										
10																										
11																										
12																										
13																										
14																										
15																										
16																										
17																										
18																										
19																										
20																										
21																										
22											3.5	5.5	9.5	7.5	7.5	9.0	12.5	12.5	7.5	3.5	2.5	2.5	3.5	6.0	6.5	12.5
23	4.5	4.0	4.0	3.5	3.0	1.5	2.0	2.0	3.0	3.0	3.0	4.0	4.5	4.5	4.5	5.0	4.0	4.0	5.5	4.5	5.5	4.0	5.5	5.0	4.0	5.5
24	4.0	5.0	4.0	5.5	6.0	2.5	2.5	2.5	3.0	4.5	4.0	3.5	4.0	5.0	8.0	9.0	8.0	9.0	2.5	4.5	3.5	2.5	8.0	7.0	5.0	9.0
25	3.5	5.0	3.5	3.0	2.0	2.5	2.0	3.0	2.0	3.5	4.0	5.5	12.0	12.5	13.0	11.5	5.0	5.0	5.5	6.5	7.0	7.5	4.0	3.0	5.5	13.0
26	6.5	3.5	7.0	2.5	2.5	2.0	2.5	2.5	4.5	3.5	4.5	5.0	6.0	5.5	6.5	5.0	5.5	4.5	3.0	2.5	2.5	6.5	7.0	8.0	4.5	8.0
27	5.0	2.5	4.0	2.5	2.5	1.0	2.5	3.0	3.5	4.0	5.5	4.0	7.5	8.5	7.0	9.0	7.5	6.5	4.0	2.5	7.0	7.0	7.5	7.5	5.0	9.0
28	4.5	2.5	2.5	2.5	2.0	1.5	1.5	2.0	3.0	4.5	9.5	7.0	6.0	8.5	12.0	12.0	14.0	12.0	11.0	8.0	9.5	8.5	4.5	3.0	6.5	14.0
29	6.0	4.5	2.0	2.5	3.5	3.0	3.0	5.0	4.5	4.5	6.5	4.0	6.5	5.0	5.5	15.0	10.5	9.5	11.0	7.0	8.5	6.0	3.5	2.5	6.0	15.0
30	3.0	4.5	5.0	2.5	4.0	3.5	4.0	4.5	4.0	3.5	5.5	5.0	7.0	5.0	5.0	4.5	11.0	10.5	10.5	11.5	11.0	9.5	4.0	6.0	6.0	11.5
31	2.5	2.0	2.0	3.0	4.0	2.5	1.5	2.5	3.0	4.0	3.0	4.0	5.5	6.0	7.0	9.0	10.0	9.5	3.5	2.5	3.5	9.5	10.5	7.0	5.0	10.5
AV	4.5	3.5	4.0	3.0	3.5	2.0	2.5	3.0	3.5	4.0	5.0	5.0	7.0	7.0	7.5	9.0	9.0	8.5	6.5	5.5	6.0	6.5	6.0	5.5	5.5	
SD	1.2	1.1	1.5	.9	1.2	.7	.7	1.0	.8	.5	1.9	1.0	2.3	2.4	2.7	3.2	3.2	2.9	3.2	2.8	2.9	2.5	2.2	1.9	.8	

OUTPT (VERSION N 28 JUL 76)

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 13

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1.5	3.0	4.0	4.5	2.0	2.0	4.0	3.0	3.5	5.0	5.0	5.5	6.5	8.5	10.0	10.5	12.5	10.5	9.5	2.5	4.5	5.0	4.0	6.5	5.5	12.5
2	9.0	4.0	2.5	2.5	2.0	2.0	2.0	3.0	4.5	4.0	5.0	9.5	11.0	10.0	12.0	12.0	10.5	9.5	10.5	8.0	7.0	4.5	6.0	5.0	6.5	12.0
3	7.0	8.0	3.0	3.0	2.5	2.5	3.0	3.0	4.0	12.5	14.0	15.5	15.0	16.5	13.5	16.5	13.5	11.5	13.0	8.0	5.5	6.5	8.0	4.0	8.5	16.5
4	5.5	6.5	2.0	2.0	1.0	1.5	2.0	2.5	4.0	4.0	12.0	14.0	12.5	11.0	10.5	12.0	11.0	13.0	10.0	7.0	5.5	6.0	5.5	7.0	7.0	14.0
5	4.0	5.0	5.0	2.0	2.0	2.0	1.0	2.5	3.0	4.5	6.5	6.0	10.5	10.0	10.0	10.5	10.0	9.5	9.0	6.0	4.0	4.0	7.5	7.5	6.0	10.5
6	10.0	9.0	3.0	2.5	2.0	2.5	2.5	[NT]	2.5	11.0	15.0	12.0	12.5	13.0	10.5	9.0	8.5	10.5	15.0	14.0	14.5	10.0	15.0	9.0	9.5	15.0
7	3.5	2.5	2.0	2.5	3.5	2.0	1.5	3.0	6.0	8.0	8.0	8.5	9.0	7.5	9.5	11.5	11.0	11.0	9.0	7.5	8.0	9.5	8.5	8.0	6.5	11.5
8	4.0	2.5	2.5	2.5	2.0	2.5	2.5	3.5	9.0	10.0	11.5	13.5	14.0	14.5	11.0	9.0	12.5	10.0	11.0	8.5	5.5	6.0	4.0	2.5	7.5	14.5
9	3.0	9.0	2.5	3.0	2.0	2.5	2.5	4.0	4.0	5.5	9.0	13.5	14.5	15.5	13.5	13.5	14.0	16.0	14.0	8.5	4.5	5.5	8.0	5.5	8.0	16.0
10	4.0	3.0	3.5	12.0	3.0	6.0	7.5	12.0	13.0	13.0	13.5	13.5	14.0	20.0	19.0	21.0	21.5	18.0	16.0	14.5	11.0	9.0	7.0	2.5	11.5	21.5
11	4.0	3.5	5.0	3.5	6.0	4.5	8.5	8.0	13.0	15.5	15.0	14.5	14.0	12.0	13.5	15.0	15.0	15.0	11.5	15.0	5.5	8.5	5.5	6.5	10.0	15.5
12	6.0	4.5	4.5	2.5	5.0	5.0	3.5	3.0	8.0	9.5	10.0	11.5	11.0	12.0	12.5	10.5	10.0	9.0	11.0	9.5	7.5	3.5	4.0	3.5	7.5	12.5
13	6.0	8.0	6.5	4.5	4.0	8.0	7.0	6.5	4.5	5.0	8.5	10.5	9.0	6.5	6.0	6.5	12.0	16.0	6.5	6.0	4.5	4.5	7.0	7.0	7.0	16.0
14	7.0	7.0	3.5	4.5	5.0	4.5	6.0	7.0	8.0	8.5	8.0	9.0	6.5	7.0	6.0	5.5	5.5	6.0	9.0	11.5	5.0	2.5	1.5	4.5	6.0	11.5
15	4.5	6.5	2.5	2.0	1.5	2.5	3.0	2.5	4.0	3.5	4.0	5.0	6.0	6.0	6.5	6.0	5.0	4.5	3.0	10.5	10.5	10.0	10.0	4.5	5.0	10.5
16	6.5	4.5	2.5	2.0	2.0	2.5	4.0	6.0	3.5	7.5	4.5	4.0	5.5	10.5	9.0	10.0	15.5	13.5	9.5	12.0	14.0	8.5	16.5	14.5	8.0	16.5
17	9.5	5.0	5.5	4.0	3.0	2.5	2.0	3.5	3.5	3.0	4.5	5.5	7.5	7.5	7.0	6.0	7.0	8.0	10.0	7.0	3.0	4.5	5.5	3.0	5.5	10.0
18	4.0	4.0	6.5	2.5	2.5	2.5	3.0	2.5	4.0	4.0	8.0	9.5	10.5	9.5	8.0	6.5	8.0	6.5	11.0	11.0	9.5	6.0	4.5	3.0	6.0	11.0
19	2.5	3.5	3.5	2.0	2.0	2.5	2.0	3.0	3.5	3.5	4.5	5.0	5.5	5.5	6.5	5.5	5.0	3.5	3.0	4.0	6.0	6.0	4.5	4.5	4.0	6.5
20	2.0	2.0	2.0	2.0	2.0	1.5	1.5	2.5	3.5	4.0	5.0	9.5	10.5	14.0	15.0	15.5	14.5	12.5	13.0	11.5	13.0	12.5	8.0	6.0	7.5	15.5
21	6.5	6.0	5.0	4.0	2.5	3.0	2.5	4.0	4.0	4.5	11.5	12.5	14.5	14.0	14.5	13.5	12.0	14.0	9.5	10.5	8.0	10.5	9.5	10.0	8.5	14.5
22	11.5	12.0	11.5	16.5	19.5	11.0	13.5	16.0	17.0	13.5	12.0	3.0	7.5	9.5	8.5	7.0	12.0	11.5	5.5	7.0	6.5	4.5	4.0	2.5	10.0	19.5
23	2.5	4.0	1.5	2.5	3.0	6.0	3.5	6.5	8.5	6.0	8.0	7.0	10.5	11.0	12.0	15.5	16.0	21.0	22.5	18.5	12.0	2.5	2.5	2.5	6.5	22.5
24	2.5	3.0	2.5	3.5	5.0	3.5	4.5	2.5	3.5	6.5	7.0	7.5	9.0	9.0	8.0	6.5	5.0	13.0	14.5	12.0	9.5	8.5	7.5	7.0	6.5	14.5
25	11.5	7.0	2.5	2.5	2.5	2.0	2.5	2.5	3.5	4.0	9.5	13.5	15.0	14.0	15.0	12.0	8.5	11.5	13.5	10.0	11.0	8.0	7.0	4.5	8.0	15.0
26	4.0	3.0	2.5	3.0	2.5	3.0	3.5	4.5	4.0	5.5	5.5	5.5	6.0	6.0	5.0	6.5	7.5	5.5	4.0	3.5	2.5	2.5	2.0	5.5	4.5	7.5
27	7.0	5.0	2.5	4.0	2.5	2.0	1.5	2.5	2.5	3.0	4.5	4.0	8.5	10.0	9.0	6.5	8.5	9.0	5.0	6.0	4.0	2.5	2.5	12.0	5.0	12.0
28	8.0	7.5	3.5	2.5	2.0	2.0	2.0	2.5	3.5	3.0	3.0	5.0	4.5	5.0	6.0	6.0	6.5	4.5	5.0	4.0	2.5	5.0	5.0	2.5	4.0	8.0
29	2.0	2.5	2.0	2.5	1.5	2.0	2.5	3.0	4.0	3.5	5.0	4.0	5.5	8.5	14.5	7.5	5.0	5.0	13.0	12.5	10.5	11.5	12.5	15.0	6.5	15.0
30	10.0	7.5	9.5	4.0	1.5	3.0	4.0	7.0	10.0	11.0	10.5	10.0	11.5	13.0	12.0	14.0	13.5	7.5	7.0	7.0	8.5	3.5	2.0	6.0	8.0	14.0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5.5	5.5	4.0	3.5	3.5	3.5	3.5	4.5	5.5	6.5	8.5	9.0	10.0	10.5	10.5	10.5	10.5	10.5	10.0	9.0	7.5	6.5	6.5	6.0	7.0	[ ]
SD	2.9	2.4	2.2	3.0	3.2	2.1	2.6	3.1	3.5	3.6	3.5	3.7	3.3	3.5	3.4	4.0	3.9	4.2	4.2	3.7	3.4	2.8	3.6	3.3	1.8	[ ]

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 13

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	7.0	7.5	4.5	3.0	2.5	4.0	5.0	4.5	9.0	7.5	5.5	6.0	7.5	8.0	5.0	8.0	9.0	8.0	7.0	5.0	6.0	7.0	3.5	2.5	6.0	9.0
2	3.5	9.5	9.5	7.5	2.5	4.5	4.5	2.5	3.5	4.5	6.0	6.0	7.0	7.0	11.5	15.0	13.0	11.0	5.0	3.5	4.0	8.0	3.0	4.0	6.5	15.0
3	6.5	3.5	6.5	5.0	5.5	2.5	3.0	3.0	3.0	3.0	4.0	5.0	6.0	7.5	7.0	6.0	5.5	4.0	4.5	3.5	2.5	8.0	10.0	7.0	5.0	10.0
4	8.0	6.0	2.5	3.5	2.5	2.5	2.5	3.0	3.5	3.5	4.0	5.5	8.0	12.0	7.5	10.0	11.5	8.0	8.5	2.5	5.0	10.0	7.0	5.5	6.0	12.0
5	4.5	4.0	2.5	3.5	2.5	2.0	2.5	2.5	3.0	5.0	6.5	6.0	5.0	6.5	7.5	6.0	6.0	6.0	4.0	3.0	5.5	7.0	10.0	6.0	5.0	10.0
6	4.0	7.0	3.0	3.0	4.0	2.0	2.5	2.5	3.0	4.0	3.0	5.0	5.0	5.5	5.0	5.0	6.0	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	4.0	7.0
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	4.5	8.0	8.5	9.5	13.5	12.0	10.0	8.5	12.0	15.0	9.0	10.0	9.5	14.0	17.0	10.5	17.0
8	8.5	3.5	2.5	2.5	2.5	1.5	1.5	3.5	4.5	4.5	5.5	8.5	7.5	8.5	9.0	6.0	6.5	4.5	3.5	9.5	11.0	15.0	13.0	4.0	6.0	15.0
9	2.0	5.5	3.0	9.0	4.5	2.0	2.5	4.0	6.0	5.0	6.0	6.5	7.0	6.5	11.5	6.0	5.0	5.5	3.5	5.0	9.5	9.5	5.5	13.0	6.0	13.0
10	10.0	12.0	7.5	2.5	5.5	2.5	3.0	4.0	4.0	5.0	5.5	6.0	5.5	6.0	11.0	13.5	9.5	7.0	4.0	3.0	9.5	7.0	5.0	4.5	6.5	13.5
11	2.5	3.0	2.5	5.5	5.0	2.5	4.0	3.0	3.5	4.0	4.0	5.0	6.0	6.0	6.5	12.0	6.5	10.0	11.0	4.5	5.5	8.0	4.0	4.5	5.5	12.0
12	7.5	8.0	10.5	9.5	3.5	2.5	4.5	5.0	6.5	4.5	5.0	6.0	13.5	7.5	10.0	6.0	9.5	8.5	5.0	4.0	3.5	4.5	5.5	3.5	6.5	13.5
13	5.5	3.5	2.0	3.0	2.5	2.5	2.0	4.5	3.0	3.5	5.0	6.5	6.0	9.0	9.0	9.0	6.0	5.5	4.0	2.5	2.5	3.0	2.5	4.0	4.5	9.0
14	3.5	2.5	2.5	2.0	2.5	4.0	2.5	2.5	4.0	4.0	6.0	7.0	6.5	12.0	12.5	8.5	8.5	9.0	6.5	2.5	2.5	3.5	3.0	3.0	5.0	12.5
15	3.5	6.5	7.0	5.5	5.5	2.0	4.5	2.5	3.5	4.0	5.0	5.0	6.0	6.5	5.5	5.5	5.5	3.5	3.5	2.5	2.5	4.0	6.0	8.0	4.5	8.0
16	3.0	2.0	2.5	2.5	1.5	2.0	1.5	2.5	2.5	4.0	4.5	5.5	5.0	8.0	6.5	6.5	6.0	5.0	5.5	2.5	2.5	4.5	8.0	6.5	4.0	8.0
17	5.0	5.0	3.0	4.5	2.5	3.0	3.0	5.0	8.0	7.0	8.0	6.0	4.5	4.5	5.0	10.0	6.0	9.5	16.0	5.5	7.0	8.5	4.5	3.5	6.0	18.0
18	3.5	8.5	5.0	2.5	2.0	2.0	1.5	4.5	2.5	4.0	7.0	5.5	5.0	10.5	12.0	14.5	8.5	8.0	3.5	8.0	8.0	4.0	3.0	3.0	5.5	14.5
19	3.0	3.0	2.5	2.0	1.5	2.5	2.5	2.0	3.0	3.5	5.5	5.0	5.0	7.0	13.0	14.0	7.0	8.0	12.5	13.0	15.0	11.0	7.0	14.0	7.0	15.0
20	6.5	4.0	3.0	2.5	5.0	6.5	6.0	5.0	3.0	2.5	4.0	4.0	3.5	5.0	5.0	18.5	9.5	4.5	4.0	6.0	6.0	4.0	6.5	7.0	5.5	18.5
21	3.0	5.0	3.0	3.5	5.0	2.0	3.5	2.5	3.0	4.5	4.0	5.5	5.5	6.5	7.5	8.0	8.5	6.5	4.5	2.0	3.0	4.5	4.0	5.5	4.5	8.5
22	5.0	3.5	5.5	3.0	2.5	2.5	2.0	3.0	3.5	3.5	4.5	5.5	7.0	7.0	6.0	5.0	8.0	4.0	6.0	2.5	2.0	2.5	5.0	4.0	4.5	8.0
23	3.5	6.5	5.0	2.0	4.0	2.0	3.0	2.5	3.5	4.5	5.5	5.5	5.5	8.0	7.5	7.0	6.5	6.5	5.5	4.0	6.5	10.0	8.0	6.0	5.5	10.0
24	4.0	2.5	4.5	4.5	3.5	4.0	3.5	3.5	4.5	5.0	4.0	7.5	7.5	6.5	6.0	7.0	10.0	8.5	6.5	6.5	9.5	7.0	5.5	7.5	6.0	10.0
25	5.5	4.0	5.0	7.0	3.5	4.0	4.5	7.5	6.0	6.0	4.5	5.5	10.5	12.5	13.0	10.0	13.5	7.0	8.0	3.0	5.0	2.0	2.5	2.5	6.5	13.5
26	2.0	2.5	4.0	4.5	6.5	3.5	3.0	2.0	2.5	3.0	3.0	5.0	6.0	8.5	11.0	9.0	7.5	6.0	5.0	5.5	9.0	10.0	9.0	6.0	5.5	11.0
27	12.5	4.0	5.5	2.5	2.5	2.5	2.5	3.0	4.0	4.0	4.0	7.0	6.0	8.5	8.5	9.0	8.0	11.0	11.0	3.5	2.5	4.5	8.5	6.5	6.0	12.5
28	5.0	3.5	4.0	3.0	5.0	2.5	3.5	4.0	4.0	4.0	4.5	7.0	7.0	11.0	12.0	9.0	5.0	4.5	4.5	4.0	2.0	6.0	7.0	3.0	5.0	12.0
29	4.5	3.0	5.5	2.5	4.5	3.5	3.0	3.0	2.5	4.5	5.5	5.0	7.5	11.5	10.0	12.0	8.0	6.5	5.5	3.5	3.5	6.0	5.0	5.5	5.5	12.0
30	5.0	3.0	2.5	3.0	2.0	2.0	2.5	6.0	4.5	4.0	5.5	5.0	5.5	7.0	8.0	9.5	6.5	10.5	13.0	6.5	6.5	6.0	6.5	5.5	5.5	13.0
31	3.0	8.0	7.5	6.5	3.0	3.5	2.5	3.0	5.0	6.0	4.0	7.0	7.5	8.5	7.5	6.0	8.5	11.0	6.0	16.0	11.5	5.0	3.5	4.0	6.5	16.0
AV	5.0	5.0	4.5	4.0	3.5	3.0	3.0	3.5	4.0	4.5	5.0	6.0	6.5	8.0	8.5	9.0	8.0	7.5	7.0	5.0	6.0	6.5	6.0	6.0	5.5	[ ]
SD	2.5	2.4	2.2	2.0	1.4	1.0	1.1	1.3	1.6	1.1	1.3	1.0	1.9	2.3	2.6	3.3	2.1	2.4	3.7	3.2	3.4	2.9	2.9	3.3	1.2	[ ]

OUTPT [VERSION N 28 JUL 76]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 13

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1																										
2																										
3																										
4																										
5																										
6																										
7																										
8																										
9																										
10																										
11																										
12																										
13																										
14																										
15																										
16																										
17																										
18																										
19																										
20																										
21																										
22											280	255	180	100	175	140	185	170	145	80	90	175	75	120	[VA]	
23	120	50	115	110	160	250	165	295	335	315	345	70	295	10	315	355	335	55	40	100	95	105	205	40	6	
24	95	110	115	45	60	105	345	270	260	275	265	275	185	55	140	25	130	100	55	130	185	145	110	155	7	
25	50	90	105	125	90	150	0	345	35	280	330	265	260	200	215	340	325	65	125	120	115	120	135	115	6	
26	105	130	75	190	5	25	265	275	275	15	15	40	290	355	310	310	245	285	0	65	100	120	120	125	[VA]	
27	180	55	90	180	125	170	15	280	325	255	270	285	270	245	295	265	275	255	280	150	105	110	140	130	13	
28	125	255	70	80	105	25	330	300	60	320	275	45	25	290	195	195	200	215	180	155	150	150	20	95	[VA]	
29	110	145	155	75	125	70	60	95	265	270	315	315	265	100	335	280	285	300	280	300	260	250	5	100	14	
30	115	120	155	90	105	85	350	290	55	355	315	290	275	265	235	355	145	145	105	120	125	120	55	100	6	
31	65	300	105	115	165	140	325	340	120	270	265	290	285	345	80	180	215	265	235	130	130	125	130	135	7	
PV	6	6	6	6	7	2	[VA]	[VA]	[VA]	13	13	[VA]	[VA]	1	15	1	[VA]	13	7	7	[VA]	7	[VA]	7	6	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 13

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	195	110	110	140	70	80	55	35	30	280	5	285	295	200	185	200	240	245	260	185	170	345	100	115	[VA]	
2	110	140	100	110	115	95	300	345	25	40	280	270	265	180	150	170	180	175	175	200	180	155	135	100	9	
3	130	115	140	75	105	135	125	25	280	170	190	175	160	185	195	175	165	185	210	200	170	150	175	20	9	
4	80	25	115	5	110	85	70	5	285	325	155	170	40	170	150	185	170	205	195	210	175	160	105	160	9	
5	130	90	165	145	85	130	305	350	275	280	355	35	135	130	145	150	155	155	160	150	160	125	130	110	7	
6	110	120	245	345	325	90	5	[MT]	45	260	210	210	190	175	165	205	175	155	140	130	145	155	140	135	7	
7	195	250	140	150	130	210	5	350	255	205	180	185	265	245	195	205	195	170	150	155	135	145	135	140	[VA]	
8	110	165	110	105	150	90	310	280	170	180	195	175	210	185	210	220	220	205	235	250	200	185	205	155	[VA]	
9	155	125	160	60	175	240	315	330	300	280	230	185	185	190	180	205	200	215	210	205	180	175	175	165	9	
10	175	300	205	150	225	145	145	165	170	165	170	165	175	170	180	180	195	180	195	205	275	285	305	135	9	
11	135	145	125	85	165	220	270	285	205	205	190	215	235	285	250	230	245	275	285	280	170	180	170	215	11	
12	220	195	185	175	130	135	195	290	265	270	275	265	280	265	250	255	240	230	255	245	225	240	205	175	12	
13	115	135	235	225	155	115	120	110	20	95	230	280	290	300	305	310	295	285	305	275	120	170	105	65	14	
14	70	125	170	165	175	175	190	255	260	290	265	265	230	235	240	105	185	40	30	25	35	35	135	120	[VA]	
15	125	140	220	115	120	170	240	320	0	295	205	0	355	0	345	275	265	265	55	155	165	180	185	205	[VA]	
16	190	230	100	125	120	100	110	185	235	265	255	235	290	305	300	305	295	285	270	280	280	250	115	125	[VA]	
17	135	115	120	120	190	135	335	285	295	265	20	330	225	5	55	60	240	140	135	140	115	85	80	90	6	
18	125	125	130	180	125	95	0	305	315	290	275	280	270	270	260	295	60	50	45	55	50	60	65	65	13	
19	105	120	120	120	140	110	280	295	275	275	150	300	260	270	285	245	65	295	340	70	115	100	105	160	13	
20	135	125	125	150	125	20	50	55	20	30	340	205	230	160	190	190	200	205	160	155	145	160	210	185	[VA]	
21	210	215	75	120	125	45	345	15	295	315	230	235	225	230	240	230	210	210	185	170	160	160	170	165	10	
22	160	160	175	160	170	140	120	125	130	120	350	125	25	120	270	345	265	275	110	120	115	90	80	100	[VA]	
23	130	160	10	80	140	115	215	245	265	240	245	265	270	260	255	270	280	275	270	270	285	210	90	65	[VA]	
24	130	120	140	120	135	160	320	285	300	260	260	265	260	250	215	240	240	275	270	255	260	245	225	150	[VA]	
25	125	155	190	145	165	220	260	0	290	295	255	215	230	225	240	215	235	240	245	245	230	190	190	280	12	
26	190	155	100	175	280	175	345	35	15	225	295	340	305	350	255	270	285	20	315	0	350	130	125	115	1	
27	130	205	40	5	175	245	315	265	280	240	265	270	290	310	275	315	260	315	295	325	250	155	125	120	13	
28	145	165	140	90	145	115	355	345	300	335	265	270	245	255	260	310	355	25	30	45	125	105	85	110	7	
29	145	130	175	95	270	110	25	25	310	325	265	180	315	240	200	195	270	300	85	120	125	140	145	145	7	
30	140	150	155	120	155	145	100	195	220	225	190	175	180	175	165	180	215	280	215	150	140	25	195	150	8	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	7	7	7	[VA]	7	7	15	1	14	14	13	13	13	[VA]	13	10	[VA]	13	10	8	7	8	7	[VA]	7	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 13

JULY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	165	165	220	140	140	135	235	45	165	220	270	195	75	75	55	175	190	195	185	175	140	165	20	120	9	
2	110	65	75	75	125	110	175	335	285	270	280	245	235	225	220	250	240	210	230	250	245	270	210	95	12	
3	75	60	80	115	165	115	60	310	310	60	260	270	295	295	35	310	325	80	295	115	110	120	130	120	6	
4	125	125	160	115	180	235	280	340	10	150	260	275	290	270	290	270	245	245	250	160	120	140	80	120	13	
5	135	120	165	190	170	170	260	290	265	285	260	265	295	275	275	270	40	25	270	60	100	120	115	40	[VA]	
6	125	125	135	150	100	125	250	340	305	295	320	340	330	355	225	190	280	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	16	
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	295	295	180	125	150	130	120	155	160	165	155	145	170	140	135	8	
8	175	150	200	135	115	120	95	40	285	295	250	250	310	25	210	180	265	275	175	140	140	150	145	185	[VA]	
9	110	135	195	145	175	130	60	205	200	250	285	340	275	40	145	160	120	125	95	115	110	130	185	115	[VA]	
10	140	135	175	220	120	160	85	175	255	280	270	230	265	235	240	145	130	230	295	190	100	125	135	120	7	
11	175	110	130	160	160	210	220	295	305	270	45	215	245	305	275	215	215	220	265	200	165	125	120	110	11	
12	135	155	170	190	175	185	140	155	230	275	260	15	285	250	130	170	140	150	200	205	295	115	115	180	9	
13	10	65	65	70	55	70	220	205	215	200	185	185	270	255	250	275	205	225	200	40	100	135	140	105	10	
14	160	110	115	190	155	190	280	250	290	260	0	75	230	270	265	250	280	275	275	205	135	155	165	185	13	
15	120	115	125	120	135	205	160	305	260	220	310	0	145	195	100	75	120	190	0	80	95	100	105	100	6	
16	200	160	125	145	140	195	140	215	185	320	245	315	260	265	235	230	195	240	30	30	110	155	195	170	10	
17	135	135	90	100	135	115	85	155	220	285	285	255	140	145	170	255	280	265	270	210	180	155	70	130	7	
18	210	90	205	125	125	130	160	100	150	240	260	215	270	275	275	265	270	265	160	130	110	160	135	165	8	
19	205	210	230	190	90	120	285	280	205	205	275	255	280	290	160	130	110	130	155	145	140	245	140	105	7	
20	115	120	165	185	110	180	95	225	230	150	190	195	180	215	245	255	180	185	180	140	125	120	115	125	9	
21	165	150	155	155	155	165	275	295	300	265	305	250	275	200	325	275	10	275	300	235	50	145	130	110	13	
22	120	125	115	140	150	210	235	200	215	265	200	225	270	245	235	140	50	25	280	60	155	120	100	175	11	
23	100	120	140	190	200	165	275	60	280	180	260	250	165	345	340	50	20	30	30	70	110	125	125	65	[VA]	
24	125	100	50	115	145	145	120	45	235	320	195	245	280	260	190	245	165	155	135	150	130	200	170	170	7	
25	170	130	145	160	165	100	130	160	195	250	195	115	125	170	90	180	235	215	115	85	110	135	110	105	[VA]	
26	145	130	120	120	110	155	105	90	165	285	270	260	255	300	225	150	130	125	135	135	130	130	185	140	7	
27	130	200	155	145	135	100	285	310	275	270	160	235	285	0	260	255	10	295	260	185	100	120	105	110	[VA]	
28	80	110	90	85	100	185	165	70	160	220	250	190	235	275	0	40	355	240	300	245	130	110	115	150	5	
29	105	75	105	200	175	115	255	310	85	170	265	240	215	105	160	280	335	335	65	60	85	65	75	90	4	
30	25	40	145	165	125	105	210	290	240	275	250	345	245	305	290	285	35	285	275	220	105	60	65	85	14	
31	90	240	260	255	105	105	170	170	200	250	265	270	295	270	270	245	275	240	220	180	205	75	120	90	[VA]	
PV	[VA]	7	7	7	[VA]	6	13	15	11	13	13	12	13	13	13	12	[VA]	12	13	[VA]	6	7	6	6	7	

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 13

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	DEAK
1																										
2																										
3																										
4																										
5																										
6																										
7																										
8																										
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18																										
19																										
20																										
21																										
22											16	17	13	14	14	17	15	14	13	13	12	11	12	11	14	17
23	13	12	10	11	11	11	11	13	16	19	20	21	22	23	23	25	25	25	24	20	19	18	17	16	18	25
24	15	15	16	15	13	13	14	16	19	20	22	22	22	23	24	23	17	17	17	17	14	13	14	14	17	24
25	12	8	8	8	8	8	9	14	18	20	22	23	22	20	23	14	16	19	20	17	14	14	14	13	15	23
26	13	12	11	9	7	6	11	15	17	18	19	22	22	23	24	24	24	26	24	20	18	17	15	14	17	26
27	12	11	11	10	8	9	14	17	20	23	26	28	27	28	31	29	29	29	29	25	21	20	21	18	21	31
28	17	16	14	12	11	13	17	20	23	25	26	26	28	33	35	35	33	30	30	29	27	25	22	20	24	35
29	19	18	17	15	15	15	17	20	23	26	29	29	28	27	28	23	22	22	22	20	20	18	17	16	21	29
30	14	15	12	9	9	10	12	15	18	19	21	22	23	23	23	24	19	15	16	15	14	14	14	13	16	24
31	11	10	8	8	8	8	11	14	18	21	24	26	26	27	29	30	30	30	29	24	22	22	22	21	20	30
AV	14	13	12	11	10	10	13	16	19	21	23.	24	23	24	25	24	23	23	22	20	18	17	17	16	18	
SD	2	3	3	3	3	3	3	2	2	3	4	3	4	5	5	6	6	6	6	5	4	4	3	3	3	

OUTPT (VERSION N 28 JUL 76)

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 13

JUNE,1976

AEROVIRONMENT INC.

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*                    *
*  PRELIMINARY DATA  *
*  AS OF 19/SEP/76   *
*                    *
**********************
*                    *
*   SUBJECT TO       *
*     REVISION       *
*                    *
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CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	17	16	14	12	9	10	13	18	23	26	30	31	31	32	32	31	31	31	30	25	23	20	20	[ ]	23	32
2	19	16	14	12	11	13	16	20	23	28	31	31	30	34	35	34	34	33	32	29	26	24	22	21	25	35
3	22	23	20	18	16	14	17	20	23	29	30	30	31	31	31	32	33	32	31	29	26	25	25	23	25	33
4	19	20	18	14	12	14	17	20	22	27	30	30	30	31	32	32	33	33	32	29	24	24	22	19	24	33
5	18	18	17	14	13	14	18	22	25	28	30	32	31	33	33	33	34	34	33	30	27	24	23	19	25	34
6	20	21	18	15	15	16	20	[MT]	27	31	31	33	33	33	34	35	34	33	30	28	26	25	24	23	26	35
7	22	21	19	18	18	18	21	24	27	30	32	34	31	32	33	32	32	32	31	29	27	26	25	25	27	34
8	22	21	19	18	17	17	20	23	29	31	32	33	33	32	32	34	34	33	33	31	29	27	25	22	27	34
9	21	21	20	20	17	18	20	22	26	29	31	33	33	33	34	34	34	33	32	30	27	26	24	23	27	34
10	22	20	19	21	19	20	25	27	29	30	30	31	31	32	32	33	33	32	30	29	24	20	19	16	26	33
11	14	14	14	14	14	15	17	17	19	20	21	22	22	21	23	23	22	18	18	16	15	14	13	13	17	23
12	13	11	12	10	9	10	12	15	17	18	19	21	22	23	24	25	24	25	25	24	22	21	20	20	18	25
13	18	18	18	18	16	17	17	19	20	22	22	22	21	22	23	21	19	16	12	10	9	8	7	6	17	23
14	4	4	3	3	4	5	7	9	10	12	14	15	18	18	20	20	20	20	19	17	15	12	9	10	12	20
15	9	9	7	6	5	6	9	11	14	17	20	21	23	24	25	27	28	28	27	25	23	22	21	20	18	28
16	20	20	19	17	17	16	19	22	23	23	22	24	23	24	25	25	23	22	22	21	20	16	12	12	20	25
17	12	12	12	12	11	11	13	15	16	19	20	22	22	20	22	20	18	18	17	16	14	13	13	12	16	22
18	11	10	10	9	8	8	10	13	15	18	20	22	23	25	27	27	27	26	26	23	20	19	18	16	18	27
19	15	13	12	10	9	10	12	15	18	20	23	25	30	31	32	33	34	34	34	31	28	25	24	23	23	34
20	20	17	16	15	14	14	18	22	25	28	32	35	36	37	37	37	36	36	35	33	32	31	28	26	28	37
21	26	25	22	21	20	20	22	24	28	31	33	34	36	37	37	37	37	37	35	33	31	30	29	28	30	37
22	28	28	27	26	22	18	17	17	16	19	20	14	17	21	22	22	21	15	15	14	13	13	13	12	19	28
23	13	13	13	12	11	12	14	16	17	18	20	21	23	25	25	25	24	23	23	20	19	17	13	13	18	25
24	11	10	8	8	8	8	11	13	15	18	19	21	23	24	25	26	26	27	26	24	23	21	20	18	18	28
25	17	16	15	13	12	12	14	17	20	24	26	28	30	30	31	31	30	31	32	30	29	26	24	22	23	32
26	21	19	18	18	18	17	19	21	22	23	25	26	28	30	31	32	31	31	31	30	25	22	21	20	24	32
27	19	17	15	14	13	13	16	19	23	26	27	30	33	35	36	37	37	36	36	34	31	26	24	24	26	37
28	23	22	19	17	14	15	18	21	24	30	33	35	37	38	38	38	38	38	37	33	29	27	27	24	28	38
29	21	20	19	17	15	16	19	23	26	30	32	36	37	37	37	38	39	39	37	34	33	31	30	29	29	39
30	28	27	27	25	22	23	26	29	31	33	34	35	36	35	35	34	30	27	25	23	24	23	21	22	28	36
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	18	17	16	15	14	14	17	19	22	25	26	28	28	29	30	30	30	29	28	26	24	22	21	19	23	[ ]
SD	5	5	5	5	5	4	4	5	5	5	6	6	6	6	5	6	6	7	7	6	6	6	6	6	5	[ ]

OUTPT [VERSION N 28 JUL 76]

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 13

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	DAY
1	24	23	22	21	20	21	23	25	27	30	31	29	31	32	33	35	36	35	32	31	28	26	25	24	28	36
2	21	23	23	22	20	19	20	22	24	26	28	31	32	33	35	34	34	34	33	32	28	28	25	23	27	35
3	23	22	21	19	18	17	19	21	23	27	29	31	34	35	35	36	36	36	36	33	28	27	26	25	27	36
4	23	22	20	18	16	17	19	22	26	30	32	35	37	38	38	39	39	38	37	33	28	29	26	24	29	39
5	23	22	20	19	17	17	20	22	27	29	32	34	37	38	39	39	39	38	38	35	32	30	29	27	29	39
6	25	25	23	21	21	20	22	24	28	30	33	36	39	40	40	41	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	29	41
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	33	34	35	38	37	34	34	36	35	34	33	31	30	29	28	34	38
8	28	26	24	22	21	21	25	27	29	32	35	35	38	39	40	39	40	39	38	35	33	32	30	30	32	40
9	29	30	29	30	28	26	28	32	36	36	37	38	40	40	40	41	41	40	39	37	35	34	33	33	35	41
10	30	29	28	25	24	24	26	29	30	33	35	37	40	41	41	39	38	37	36	35	34	31	29	23	32	41
11	26	24	24	23	23	23	25	28	31	35	37	40	40	40	39	37	38	37	34	32	30	29	27	25	31	40
12	28	29	29	28	27	25	27	31	31	31	34	35	31	34	31	30	30	31	31	30	29	27	26	25	30	35
13	25	24	21	20	19	20	22	24	27	30	32	34	35	35	36	36	35	35	34	32	28	27	25	24	28	36
14	24	22	20	18	17	18	20	23	26	30	33	33	35	34	33	33	34	33	32	30	27	26	25	24	27	35
15	21	20	19	18	17	16	19	22	25	28	30	32	34	35	37	37	36	37	36	33	30	29	28	27	28	37
16	24	20	18	18	17	17	18	21	25	29	33	34	39	39	39	39	38	38	37	34	31	31	31	29	29	39
17	29	28	26	25	22	23	25	29	31	32	33	33	35	36	38	35	32	30	26	22	22	21	19	19	28	38
18	18	18	18	17	16	17	19	20	23	24	24	22	27	27	26	26	24	24	25	23	22	22	21	21	22	27
19	21	21	20	19	19	16	20	22	24	25	26	28	30	30	29	29	30	29	26	23	21	21	18	17	24	30
20	20	18	17	16	16	16	18	20	22	24	26	28	31	32	32	25	24	25	26	24	22	20	19	18	22	32
21	19	18	17	16	15	15	17	20	23	26	28	30	32	34	34	34	34	33	32	30	28	26	24	21	25	34
22	23	21	20	19	17	18	20	23	26	28	32	33	35	36	37	38	35	35	34	32	28	25	24	23	28	38
23	23	22	22	19	19	18	20	23	27	30	33	34	37	38	38	38	38	37	36	34	31	29	28	27	29	38
24	28	24	24	24	21	22	24	26	29	31	34	34	35	36	37	38	35	35	35	32	30	30	29	28	30	38
25	26	25	24	24	23	23	24	27	28	29	30	33	33	31	29	24	22	22	21	20	21	20	20	19	25	33
26	17	16	16	16	16	16	16	17	20	21	24	25	29	30	32	32	32	32	32	30	28	26	26	26	24	32
27	25	23	22	21	19	18	21	24	27	30	34	34	34	34	35	35	34	32	31	29	25	23	22	20	27	35
28	24	22	21	21	20	19	21	25	28	31	34	36	36	36	34	34	34	34	33	30	28	26	26	25	28	36
29	23	22	21	21	20	20	22	24	29	31	34	35	36	33	35	34	35	35	34	32	31	30	29	29	29	36
30	28	27	26	25	22	23	26	28	30	31	34	36	35	36	36	36	37	35	32	30	28	27	25	24	30	37
31	23	23	22	21	20	19	21	24	24	26	27	30	31	32	33	33	32	27	26	26	22	19	17	17	25	33
AV	24	23	22	21	20	20	22	24	27	29	32	33	35	35	35	35	34	34	33	30	28	27	25	24	28	[ ]
SD	3	3	3	3	3	3	3	3	3	3	3	4	3	3	4	4	5	4	4	4	4	4	4	4	3	[ ]

OUTPT [VERSION N 28 JUL 76]

WEATHER LOG

Month May Year 1976 Project UTAH - Oil Shale

	1000 Hrs.			1600 Hrs.				
Day	Sky	Precip.	Ground	Sky	Precip.	Ground	Comments	By
1	O	—	Dry	O	—	Dry		
2	O	—	Dry	O	—	Dry		
3	Cu ⊘ L	—	Dry	Cu ⊕ L	—	Dry		
4	Cu ⊘ L	—	Dry	Cu ⊕ L	Lt Rain	Damp		
5	Cu ⊘ L	—	Dry	Cu ⊘ L	—	Dry		
6	Cu ⊕ L	Lt Rain	Wet	Cu ⊕ L	Lt Rain	Wet	Rain Overnight	
7	Cu ⊕ L	Rain	Wet	Cu ⊕ L	Rain	Wet	Rain Overnight	
8	Cu ⊕ L	Rain	Wet	Cu ⊕ L	Rain	Wet	" "	
9	Cu ⊘ L	—	Wet	Cu ⊘ L	—	Dry		
10	O	—	Dry	Cu ⊘ L	—	Dry		
11	O	—	Dry	Cu ⊘ L	—	Dry		
12	O	—	Dry	O	—	Dry		
13	O	—	Dry	O	—	Dry		
14	O	—	Dry	O	—	Dry		
15	Cu ⊘ L	—	Dry	Cu ⊘ L	—	Dry		
16	O	—	Dry	O	—	Dry		
17	O	—	Dry	O	—	Dry		
18	O	—	Dry	O	—	Dry		
19	Cu ⊘ L	—	Dry	Cu ⊕ L	—	Dry		
20	Ci ⊕ h	—	Damp	Cu ⊕ L	—	Dry	Lt Rain Overnight	
21	Cu ⊕ L	—	Dry	Cu ⊕ L	Lt Rain	Wet		
22	Cu ⊘ L	—	Wet	Cu ⊕ L	Rain	Muddy	Lt Rain Overnight	
23	Cu ⊘ L	—	Wet	Cu ⊘ L	—	Wet	Rain Overnight	
24	Cu ⊘ L	—	Damp	Cu ⊕ L	—	Dry		
25	Cu ⊘ L	—	Dry	Cu ⊕ L	Lt Rain	Wet		
26	O	—	Dry	O	—	Dry		
27	O	—	Dry	Cu ⊘ L	—	Dry		
28	Cu ⊘ L	—	Dry	Cu ⊘ L	—	Dry		
29	Cu ⊘ L	—	Dry	Cu ⊘ L	—	Dry		
30	Cu ⊕ L	—	Dry	Cu ⊘ L	—	Dry		
31	O	—	Dry	Cu ⊘ L	—	Dry		

Key: Sky: O Clear; ⊘ Scattered (10-60%), ⊘ Broken (60-90%), ⊕ Overcast, Cu Cumulus Ci Cirrus, S Stratus, N Nimbus, - thin, ℓ low, h high.

Precipitation: R Rain, S Snow, + Heavy, - Light.

Ground: Wet or dry, frosty, snow depth, etc.

Comments: Fog, blowing sand or snow, ice, etc. Note observation time.

ALL TIMES ARE STANDARD TIME

039-WL-P-16
AV-F-F026

WEATHER LOG

Month June Year 76 Project White River Oil Shale

	1000 Hrs.			1600 Hrs.				
Day	Sky	Precip.	Ground	Sky	Precip.	Ground	Comments	By
1	Cu ⊘ h	—	Dry	Cu ⊘ L	—	Dry		
2	Cu ⊘ L	—	Dry	Cu ⊘ L	—	Dry		
3	Ci ⊘ h	—	Dry	Ci ⊘ h	—	Dry		
4	O	—	Dry	Cu ⊘ L	—	Dry		
5	O	—	Dry	Cu ⊘ L	—	Dry		
6	Ci ⊘ h	—	Dry	Cu ⊘ L	—	Dry		
7	O	—	Dry	Cu ⊘ L	—	Dry		
8	Cu ⊘ L	—	Dry	Cu ⊘ L	—	Dry		
9	O	—	Dry	O	—	Dry		
10	O	—	Dry	Cu ⊘ L	—	Dry		
11	Cu ⊘ L	—	Dry	Cu ⊘ L	—	Dry		
12	Cu ⊘ L	—	Dry	Cu ⊘ L	—	Dry		
13	Cu ⊕ L	—	Dry	Cu ⊕ L	Lt Rain	wet		
14	O	—	wet	O	—	wet	1½" Snow Overnight	
15	Ci ⊘ h	—	Dry	Cu ⊘ h	—	Dry		
16	Cu ⊕ L	—	Dry	Cu ⊕ L	—	Dry		
17	Cu ⊘ L	—	Dry	Cu ⊘ L	—	Dry	Lt Rain Overnight	
18	Cu ⊘ L	—	Dry	O	—	Dry		
19	O	—	Dry	Ci ⊘ h	—	Dry		
20	Cu ⊘ h	—	Dry	O	—	Dry		
21	O	—	Dry	Cu ⊘ L	—	Dry		
22	Cu ⊕ L	Rain	wet	Cu ⊕ L	Rain	Muddy	Heavy thundershowers + Hail	
23	Cu ⊘ L	—	wet	Cu ⊘ L	—	Dry		
24	O	—	Dry	Cu ⊘ L	—	Dry		
25	O	—	Dry	Cu ⊘ L	—	Dry		
26	O	—	Dry	O	—	Dry		
27	O	—	Dry	Cu ⊘ L	—	Dry		
28	O	—	Dry	O	—	Dry		
29	Cu ⊘ L	—	Dry	Cu ⊘ L	—	Dry		
30	Cu ⊘ L	—	Dry	Cu ⊘ L	—	Dry		
31								

Key: Sky: O Clear; ⊙ Scattered (10-60%), ⊘ Broken (60-90%), ⊖ Overcast, Cu Cumulus Ci Cirrus, S Stratus, N Nimbus, - thin, ℓ low, h high.

Precipitation: R Rain, S Snow, + Heavy, - Light.

Ground: Wet or dry, frosty, snow depth, etc.

Comments: Fog, blowing sand or snow, ice, etc. Note observation time.

ALL TIMES ARE STANDARD TIME

AV-F-F026

WEATHER LOG

Month July Year 1976 Project White River Oil Shale

Day	1000 Hrs. Sky	Precip.	Ground	1600 Hrs. Sky	Precip.	Ground	Comments	By
1	Cu ⦶ L	—	Dry	Cu ⦶ L	Lt Rain	Damp	Scattered Showers + Hail all Afternoon	[illegible]
2	Cu ⦶ L	—	Dry	Cu ⦶ L	—	Dry		[illegible]
3	O	—	Dry	Cu ⦶ L	—	Dry		[illegible]
4	O	—	Dry	O	—	Dry		[illegible]
5	O	—	Dry	Cu ⦶ L	—	Dry		[illegible]
6	Cu ⦶ L	—	Dry	Cu ⦶ L	—	Dry	Scattered Showers Afternoon	[illegible]
7	Cu ⦶ L	—	Dry	Cu ⦶ L	—	Dry	Scattered Showers Afternoon	[illegible]
8	O	—	Dry	Cu ⦶ L	—	Dry		[illegible]
9	O	—	Dry	Cu ⦶ L	—	Dry		[illegible]
10	Cu ⦶ L	—	Dry	Cu ⦶ L	—	Dry		[illegible]
11	O	—	Dry	Cu ⦶ L	—	Dry		[illegible]
12	O	—	Dry	Cu ⦶ L	—	Dry		[illegible]
13	Cu ⦶ L	—	Dry	Cu ⦶ L	—	Dry		[illegible]
14	O	—	Dry	Cu ⦶ L	—	Dry		[illegible]
15	O	—	Dry	Cu ⦶ L	—	Dry		[illegible]
16	Cu ⦶ L	—	Dry	Cu ⦶ L	—	Dry		[illegible]
17	Cu ⦶ L	—	Dry	Cu ⦶ L	—	Dry		[illegible]
18	Cu ⊕ L	Lt Rain	Wet	Cu ⦶ L	—	Wet	Rain Last Night	[illegible]
19	Cu ⦶ L	—	Dry	Cu ⦶ L	—	Dry		[illegible]
20	Cu ⦶ L	—	Dry	Cu ⊕ L	—	Dry		[illegible]
21	O	—	Dry	Cu ⦶ L	—	Dry		[illegible]
22	O	—	Dry	Cu ⊕ L	—	Dry	Scattered Showers	[illegible]
23	O	—	Dry	Cu ⦶ L	—	Dry		[illegible]
24	O	—	Dry	Cu ⦶ L	—	Dry		[illegible]
25	Cu ⦶ L	—	Dry	Cu ⦶ L	Lt Rain	Wet		[illegible]
26	O	—	Dry	Cu ⦶ L	—	Dry		[illegible]
27	O	—	Dry	Cu ⦶ L	—	Dry		[illegible]
28	Cu ⦶ L	—	Dry	Cu ⦶ L	—	Dry		[illegible]
29	O	—	Dry	Cu ⦶ L	—	Dry	Scattered Showers	[illegible]
30	Cu ⦶ L	—	Dry	Cu ⊕ L	—	Dry		[illegible]
31	Cu ⦶ L	—	Damp	Cu ⊕ L	—	Dry	Lt Rain Overnight	[illegible]

Key: Sky: O Clear; ⦶ Scattered (10-60%), ⊙ Broken (60-90%), ⊕ Overcast, Cu Cumulus Ci Cirrus, S Stratus, N Nimbus, - thin, ℓ low, h high.

Precipitation: R Rain, S Snow, + Heavy, - Light.

Ground: Wet or dry, frosty, snow depth, etc.

AV-F-F026

Comments: Fog, blowing sand or snow, ice, etc. Note observation time.

ALL TIMES ARE STANDARD TIME

B. Air Quality

Preliminary Submission

AIR QUALITY DATA

PROTOTYPE OIL SHALE LEASE TRACTS Ua AND Ub

1 MAY 1976 - 31 JULY 1976

Submitted 24 September 1976

AeroVironment Inc.
145 North Vista Avenue
Pasadena, California 91107

PREFACE

This volume is the eighth quarterly submission of data acquired during the air quality/meteorology/radiology portions of the environmental baseline monitoring program for oil shale tracts Ua and Ub. The quarter covered runs from 1 May 1976 through 31 July 1976.

This data is a preliminary submission and is subject to some editorial and technical changes. A final data submission will follow.

The data presented herein appears in two volumes:

Volume I - Meteorology

A. Data Tabulations for all sites, in order by site number

1. Wind Speed, WS, 10 m, 20 m, 30 m
2. Wind Direction, WD, 10 m, 20 m, 30 m
3. Temperature, T
4. Lapse Rate, ΔT, between 10-30 m
5. Root-mean-square variation in wind direction, $\sigma\theta$
6. Root-mean-square variation in vertical wind speed, σw
7. Solar Radiation, SR
8. Barometric Pressure, BP
9. Dewpoint, DPT
10. Relative Humidity, RH

B. Miscellaneous Data

1. Weather Log

Volume II - Air Quality

A. In order of site number.

1. Total Sulfur, TS
2. Hydrogen Sulfide, H_2S
3. Sulfur Dioxide, SO_2
4. Total Hydrocarbons, THC, expressed as $\mu g/m^3$ of CH_4
5. Methane, CH_4
6. Hydrocarbons (methane-reduced), HC = THC-CH_4, expressed as $\mu g/m^3$ of CH_4
7. Carbon Monoxide, CO
8. Nitrogen Oxides, NO_x, expressed as $\mu g/m^3$ of NO_2
9. Nitric Oxide, NO
10. Nitrogen Dioxide, $NO_2 = (NO_x - NO)$
11. Ozone
12. Scattering coefficient, b_s
13. Local Visual Range, L_v, derived from b_s
14. Coefficient of Haze, COH

B. Miscellaneous Data

1. High Volume Sampler, suspended particulates
2. Radiation measurements by the high pressure ion chamber (rotated among all 12 sites)
3. Radiation Survey
4. Radiation Dosage by Thermo-Luminescent Dosimetry
5. Gross Radiation of Particulates
6. Trace metals
7. Noise Survey (begins April 1975)

Not all sites measure all of these parameters.

The data tabulations contain average values for each day, and the peak hourly average for the day. Along the bottom, the average for each hour, averaged over the month, is compiled [1]. Air Quality data is given in $\mu g/m^3$ usually, with values for NO_x computed on the basis of the molecular weight of NO_2 and those for HC and THC based on the molecular weight for CH_4.

On the wind direction sheets, "PV" and "PREV" indicate prevailing wind direction divided into 16 sectors with a "1" indicating a prevailing direction between 348.5 and 11.0 degrees, a "2" corresponding to 11.5 to 34.0 degrees, and so forth, i.e., a "1" indicates wind from the 22.5° sector centered on N, a "2" indicates winds generally from the NNE, a "3" from the NE, etc.

Symbols used on the data sheets are:

CA - Calibration

MT - Maintenance (changing paper, tape, filters)

FO - Flame out (on the gas chromatographs)

IM - Instrument malfunction, not discovered until after data had been collected.

PF - Power Failure (generator failure)

RF - Recording system failure (chart jams, runs out, tape punch fails)

LI - Local Interference (car nearby, contamination by generator)

OS - Off scale (at top of chart, data presumed good)

SE - Special experiment (instrument off-line for bag sample analysis or removed for special measurements in area)

VA - Variable wind direction

OR - Out for repair (Instrument problem has been recognized and the instrument is no longer sampling while being repaired.) Effective as of November, 1975.

MONTHLY COMPONENT SHEET KEY

Component

Units of Data

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

Project location

Air Quality site number (see map for locations)

Monthly period which the data covers.

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

DECEMBER,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 12 APR 76

SUBJECT TO
REVISION

Date that the data was printed.

Changes may still be made to data based on later input.

Beginning hour in Local Standard Time (never Daylight Savings Time). Thus the hourly average under "02" occurred during the period 0200 to 0300.

CLOCK HOUR (LOCAL STANDARD TIME)

Day of the month.

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.0	.1	.0	0	.0	.1	.0	.1	.1	.2	.1	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.1	.0	.1	.2
2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.2	.2	.2	.3	.2	.1	.1	.1	.1	.0	.1	.0	.1	.2
3	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0 [CA]	.0	.1	.0	.1	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.2
4	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	.1
5	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1
6	.1	.1	.1	.1	.0	.1	.0	.0	.0	.1	.1 [CA]	.1	.2	.1	.1	.0	.1	.1	.1	.1	.0	.0	.0	.1	.1	.2
7	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0	.1	.0	.1
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1
9	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.1
10	.1	.1	.0	.1	.1	.1	.1	.1	.0	.1	.0	.1	.1	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1
11	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.1
12	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.1	.0	.1
13	.0	.0	.1	.1	.1	.0	.1	.1	.1	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1
14	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1
15	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0 [CA]	.1	.0	.1	.1	.1	.0	.0	.1	.2	.0	.1	.1	.1	.4
16	.0	.1	.1	.0	.3	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.0	.1	.1	.1	.3
17	.1	.1	.0	.0	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.0	.1
18	.1	.1	.0	.1	.1	.0	.0	.1	.0	.1	.0	.1	.0	.0 [CA]	[CA]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	.1	.1
19	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[CA]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	.0	.0	.0	.2	.3	.1	.0	.0	.0	.0	.1	.3
22	.0	.3	.3	.4	.1	.1	.4	.4	.6	.3	.4	.4	.4	.3	.2	.3	.3	.3	.3	.4	.4	.3	.6	.4	.3	.6
23	.3	.4	.2	.2	.2	.2	.3	.3	.4	.3	.3	.3	.0	.3	.4	.3	.3	.4	.4	.3	.4	.4	.2	.3	.3	.4
24	.4	.4	.2	.4	.4	.1	.3	.4	.2	.4	.3	.0	.2	.4	.2	.3	.3	.3	.3	.1	.1	.3	.4	.4	.3	.4
25	.4	.4	.4	.4	.3	.2	.1	.3	.4	.4	.4	.4	.2	.2	.3	.3	.3	.3	.4	.4	.2	.3	.2	.1	.3	.4
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.1	.2	.0	.3	.4	.1	.0	.0	.0	.2	.1	.4
27	.1	.4	.4	.4	.3	.2	.4	.4	.3	.2	.4	.4	.0	.0	.3	.3	.3	.3	.2	.1	.3	.3	.3	.3	.3	.4
28	.3	.3	.3	.3	.4	.0	.4	.3	.3	.4	.4	.4	.4	.3	.3	.2	.3	.3	.2	.3	.3	.4	.1	.2	.3	.4
29	.2	.4	.3	.0	.3	.2	.4	.4	.4	.4	.4	.4	.3	.3	.0	.2	.1	.3	.1	.2	.2	.4	.4	.4	.3	.4
30	.4	.4	.4	.4	.3	.2	.4	.1	.0	.0 [CA]	.0	.1	.1	.4	.2	.2	.3	.1	.2	.2	.2	.2	.3	.2	.2	.4
31	.0	.2	.3	.3	.1	.0	.0	.1	.3	.3	.2	.3	.3	.3	.0	.2	.3	.2	.2	.1	.1	.3	.2	.0	.2	.3
AV	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1
SD	.1	.2	.1	.2	.1	.1	.2	.1	.2	.2	.2	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1

Highest hourly average for each day.

Daily average of all hourly averages

Letters indicate reasons for missing data (see abbreviation table).

Monthly averages of each hour.

Standard deviation of values from the averages.

SCATTERING COEFFICIENT
(1/(1000 M))

WHITE RIVER SHALE PROJECT,UTAH

SITE # 2

MAY,1978

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 20/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PK
1	.04	.04	.04	.03	.05	.05	.04	.06	.05	.04	.04	.05	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.04	.06
2	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.04
3	.03	.03	.03	.04	.03	.03	.04	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.03	.03	.03	.02	.03	.03	.03	.03	.04
4	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.04	.04
5	.04	.04	.04	.04	.04	.05	.05	.05	.04	.04	.03	.03	.02	.03	.02	.03	.03	.03	.03	.02	.02	.03	.03	.03	.03	.05
6	.03	.04	.03	.03	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04
7	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05
8	.04	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.03	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.04
9	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04
10	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03
11	.03	.04	.03	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04
12	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.04	.03	.04
13	.04	.04	.04	.03	.04	.03	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.03	.03	.03	.04
14	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.03
15	.02	.03	.04	.04	.04	.03	.03	.03	.02	.02	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04
16	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03
17	.03	.03	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04
18	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05	.05	.05	.04	.05
19	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.03	.04	.04	.04	.04	.04	.03	.05	.05
20	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05
21	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.04	.04	.04	.04	.04	.04	.04	.04	.03	.04	.05
22	.03	.04	.04	.03	.03	.03	.03	.04	.04	.03	.03	.03	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.04	.04	.03	.04
23	.04	.04	.04	.04	.04	.04	.05	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.05
24	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.04	.04	.03	.04	.04	.04	.04
25	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.04	.04	.04	.04	.03	.04	.04	.04	.04	.04
26	.04	.04	.04	.04	.04	.05	.05	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.05
27	.03	.04	.04	.04	.03	.04	.04	.04	.04	.03	.04	.03	.03	.03	.03	.03	.03	.03	.02	.02	.03	.03	.03	.03	.03	.04
28	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04
29	.04	.04	.04	.04	.04	.05	.04	.04	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05
30	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04
31	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.04	.04	.04	.04	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04
AV	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	[ ]
SD	.03	.01	.01	.01	.01	.01	.01	.03	.03	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	[ ]

SCATTERING COEFFICIENT
(1/(1000 M))

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 20/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PAK
1	.04	.04	.04	.04	.04	.04	.04	.04	.03	.04	.04	.05	.04	.04	.04	.03	.04	.03	.04	.04	.03	.03	.03	.03	.04	.07
2	.03	.04	.03	.04	.04	.03	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.03	.04
3	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.04
4	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.05
5	.03	.03	.03	.03	.03	.04	.04	.03	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04
6	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.05	.05	.04	.04	.04	.04	.04	.04	.05	.04	.04	.04	.04	.04	.04	.05
7	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.04	.05	.05	.04	.05
8	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.05	.05
9	.05	.05	.05	.04	.05	.05	.05	.05	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.05
10	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.05	.04	.05	.07	.05	.06	.03	.04	.04	.07
11	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.03	.04
12	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.09
13	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.04	.04	.04	.02	.03	.03	.03	.03	.03	.04
14	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04
15	.03	.04	.03	.04	.05	.05	.05	.05	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.03	.03	.03	.03	.03	.03	.03	.05
16	.03	.03	.03	.03	.03	.02	.04	.03	.03	.03	.03	.04	.03	.03	.04	.03	.06	.04	.03	.05	.04	.04	.03	.03	.04	.06
17	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04
18	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03	.03	.02	.02	.03	.03	.03	.04	.03	.03	.03	.03	.04	.03	.03	.03	.04
19	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.04
20	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.04
21	.04	.04	.04	.03	.03	.03	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.04
22	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.03	.04	.03	.04	.04	.04	.04	.03	.04	.04
23	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04
24	.03	.03	.04	.04	.04	.05	.05	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.05
25	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04
26	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.04
27	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04
28	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.04	.05
29	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.04	.05
30	.05	.06	.05	.06	.06	.06	.06	.06	.05	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.04	.04	.04	.05	.06
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.04	.03	.04	.03	.03	.04	[ ]
SD	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	[ ]

SCATTERING COEFFICIENT
(1/(1+60 M))

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 20/SEP/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.06	.06	.06	.06	.06	.05	.05	.05	.05	.05	.05	.05	.05	.05	.06
2	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.05	.05	.06	.06	.05	.06
3	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.06	.05	.04	.04	.04	.04	.05	.06
4	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.04	.05
5	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.04	.05	.04	.05
6	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
7	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.05	.05	.05	.05	.04	.04	.05	.05
8	.04	.04	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
9	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
10	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.06	.06	.06	.06	.05	.05	.06	.06	.06	.05	.05	.05	.05	.05	.06
11	.05	.05	.05	.05	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.05	.05	.05	.05	.05	.05	.06	.05	.06
12	.06	.06	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.05	.05	.05	.05	.05	.05	.05	.05	.06
13	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05
14	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04
15	.04	.04	.04	.04	.04	.04	.04	.05	.05	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.05
16	.03	.03	.03	.03	.03	.03	.03	.05	.04	.03	.04	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05
17	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.04	.04	.04	.05	.04	.05
18	.05	.05	.05	.05	.05	.05	.06	.06	.07	.07	.07	.07	.07	.06	.06	.05	.04	.05	.04	.05	.04	.05	.04	.04	.05	.07
19	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.05	.05	.04	.05	.05
20	.05	.05	.05	.05	.05	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.05	.05	.05	.05	.04
21	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05
22	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05
23	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05
24	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04
25	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
26	.05	.05	.05	.05	.05	.04	.05	.05	.05	.05	.05	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.05	.05	.05	.05
27	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05
28	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05
29	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05
30	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.05	.05
31	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.04	.04	.04	.04	.04	.04	.05	.05	.04	.03	.03	.03	.03	.04	.05
AV	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	[ ]
SD	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	[ ]

LOCAL VISUAL RANGE
(KILOMETERS)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 19/SEP/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	DATE
1	118	118	118	94	94	94	94	76	94	118	118	157	118	118	118	157	157	157	157	157	157	157	157	157	128	157
2	157	157	157	118	157	157	157	157	157	157	157	157	157	157	235	235	235	235	235	235	157	157	157	157	175	235
3	157	157	157	118	157	157	118	157	157	157	157	157	157	157	235	235	235	157	157	157	235	157	157	157	167	235
4	157	118	118	118	118	118	118	118	118	118	157	118	118	118	118	118	118	118	118	118	118	118	118	118	121	157
5	118	118	118	118	118	94	94	94	118	118	157	157	235	157	235	157	157	157	157	235	235	157	157	157	151	235
6	157	118	157	118	118	118	118	118	118	118	157	157	157	157	235	235	157	157	157	157	157	157	157	157	151	235
7	157	157	157	157	157	157	157	157	157	157	157	118	94	94	118	118	118	118	118	118	118	118	118	118	133	157
8	118	157	157	157	157	157	157	157	157	118	118	157	157	157	157	235	235	235	157	157	157	157	157	157	162	235
9	157	157	157	157	157	157	157	157	157	157	157	157	118	157	157	157	157	157	157	157	157	157	157	157	155	157
10	157	157	157	157	157	94	157	118	118	118	157	157	157	157	157	157	157	157	157	157	157	157	157	157	150	157
11	157	118	157	118	118	118	118	118	118	157	157	157	157	157	118	118	157	157	157	157	157	157	157	157	142	157
12	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	118	118	157	157	118	118	151	157
13	118	118	118	118	118	94	118	118	118	118	157	157	157	157	157	157	157	157	157	157	235	[illegible]	157	157	142	235
14	157	157	157	157	157	157	157	157	157	157	157	157	157	235	235	235	470	470	235	235	235	235	235	235	212	470
15	235	157	118	118	118	157	157	157	235	235	157	157	157	235	235	235	235	235	235	235	235	157	157	157	188	235
16	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157
17	157	157	118	118	118	118	118	118	157	157	157	157	118	118	118	118	118	118	118	118	118	118	118	118	128	157
18	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	94	94	94	94	94	94	94	94	110	118
19	94	94	94	94	94	94	94	94	94	94	94	94	94	94	118	118	118	94	118	94	118	118	118	94	101	118
20	94	94	94	94	94	94	94	94	94	94	94	94	118	118	157	118	118	118	118	118	118	118	118	118	108	157
21	118	118	118	118	118	118	118	118	118	118	118	118	118	118	94	118	118	118	118	118	118	118	118	157	119	157
22	157	118	157	157	157	157	157	118	118	157	157	157	118	118	118	118	118	157	157	157	157	157	118	118	141	157
23	118	118	118	118	118	118	94	118	118	118	118	118	118	157	157	157	157	157	118	118	118	118	118	118	125	157
24	118	118	118	118	118	118	118	118	118	118	118	118	118	118	157	118	118	157	157	118	118	157	118	118	124	157
25	118	118	118	118	118	118	118	118	118	118	118	118	118	118	157	157	118	118	118	118	118	118	118	118	121	157
26	118	118	118	118	118	94	94	118	118	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	140	157
27	157	118	118	118	157	118	118	118	157	118	157	157	157	157	157	157	157	157	235	235	157	157	157	157	152	235
28	157	157	157	157	157	157	157	157	157	157	157	118	118	118	118	118	118	118	118	118	118	118	118	118	136	157
29	118	118	118	118	118	94	118	118	94	94	94	94	94	94	94	94	118	118	118	118	118	118	118	118	109	118
30	118	118	118	118	118	118	118	118	118	118	118	118	157	157	118	118	157	157	157	157	157	157	157	157	139	157
31	118	118	118	118	118	118	118	118	118	157	157	118	118	118	118	157	157	118	118	118	118	118	118	118	124	157
AV	139	132	133	127	131	126	127	127	133	136	141	138	137	142	154	155	161	159	150	150	152	143	140	140	141	[ ]
SD	20	21	21	20	22	25	24	23	29	29	25	25	24	33	48	43	68	67	38	42	41	27	27	28	24	[ ]

OUTPT (VERSION N 28 JUL 76)

LOCAL VISUAL RANGE
(KILOMETERS)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	MAX
1	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	157	118	118	157	157	157	157	128	157
2	157	118	157	118	118	157	118	118	118	118	118	118	157	157	157	157	157	118	157	157	157	157	157	157	141	157
3	157	157	157	157	157	157	157	157	157	157	157	118	118	118	118	118	118	157	157	157	157	157	157	157	147	157
4	157	157	157	157	157	157	157	157	157	157	157	157	118	157	157	157	157	157	157	157	157	157	157	157	155	157
5	157	157	157	157	157	118	118	157	157	118	157	157	157	157	157	157	157	157	157	157	157	157	157	157	152	157
6	157	157	157	157	157	157	157	157	157	94	94	118	118	118	118	118	118	118	94	118	118	118	118	118	130	157
7	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	94	94	94	94	94	94	94	111	118
8	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	118	118	118	118	118	118	100	118
9	94	94	94	118	94	94	94	94	118	118	118	157	157	157	157	157	157	157	157	157	157	157	157	157	132	157
10	157	157	157	157	157	157	157	157	157	157	157	157	157	157	118	118	94	118	94	67	78	78	157	118	135	157
11	118	118	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	235	235	160	235
12	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	118	157	157	157	157	157	157	157	157	155	157
13	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	118	118	157	235	157	157	157	157	157	235
14	118	118	118	118	118	118	118	118	118	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	142	157
15	157	118	157	118	94	94	94	94	157	157	157	157	157	157	157	157	157	235	157	157	157	157	157	157	147	235
16	157	157	157	157	157	235	157	157	157	157	157	157	157	157	118	94	78	78	94	94	118	118	157	157	141	235
17	157	157	157	157	157	118	118	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	153	157
18	157	157	157	157	157	118	118	118	157	157	157	235	235	157	157	157	157	157	157	157	157	118	157	157	157	235
19	157	157	157	157	157	118	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	155	157
20	157	157	157	157	157	157	118	118	157	157	157	157	118	157	157	157	157	157	157	157	157	157	118	157	151	157
21	118	118	118	157	157	157	118	118	157	157	157	157	157	157	157	157	157	157	157	157	157	157	118	118	146	157
22	118	118	118	157	157	157	157	157	157	157	118	118	118	118	118	157	157	118	157	118	118	118	118	157	136	157
23	118	118	118	118	118	118	118	118	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	144	157
24	157	157	118	118	118	94	94	118	118	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	148	157
25	157	157	157	157	157	157	118	118	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	154	157
26	157	157	118	118	118	118	118	118	118	118	118	157	157	157	157	157	157	157	157	157	157	118	157	157	141	157
27	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118
28	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	94	94	94	118	115	118
29	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	94	117	118
30	94	78	78	78	78	78	78	78	94	118	118	118	118	118	118	118	94	94	94	94	94	118	118	118	99	118
31																										
AV	138	135	136	137	135	133	126	130	140	140	140	145	143	143	141	140	138	140	140	141	140	138	145	146	139	1
SD	23	24	24	23	25	31	24	24	22	22	22	26	27	29	21	22	25	41	25	31	25	24	27	27	17	1

OUTPT (VERSION N 28 JUL 76)

LOCAL VISUAL RANGE
(KILOMETERS)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PCT
1	118	118	118	118	118	118	118	118	118	94	94	78	78	78	78	78	94	94	94	94	94	94	94	94	100	118
2	94	94	94	94	94	94	94	94	94	94	94	94	94	94	118	118	118	118	118	118	94	94	78	78	99	118
3	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	78	94	118	118	118	118	97	118
4	118	118	118	118	118	118	118	118	118	94	94	118	118	118	118	118	157	157	157	157	157	157	157	157	129	157
5	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	94	118	94	116	118
6	118	94	94	94	94	94	94	94	94	94	94	94	94	94	94	118	94	94	94	94	94	94	94	94	96	118
7	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	118	94	94	94	94	118	118	97	118
8	118	118	118	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	97	118
9	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94
10	94	94	94	94	94	94	94	94	94	94	94	78	78	78	78	94	94	78	78	78	94	94	94	94	89	94
11	94	94	94	94	118	94	94	94	94	94	94	94	94	94	94	94	118	94	94	94	94	94	94	78	95	118
12	78	78	94	94	94	94	94	94	94	94	94	94	94	94	94	94	118	94	94	94	94	94	94	94	94	118
13	94	94	94	94	94	94	94	94	94	94	94	94	118	118	118	118	118	118	118	118	118	118	118	118	105	118
14	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	116	118
15	118	118	118	118	118	118	118	94	94	118	118	118	118	157	157	157	157	157	157	157	157	157	157	157	134	157
16	157	157	157	157	157	157	157	94	118	157	118	94	118	118	118	118	118	118	118	118	118	118	118	118	129	157
17	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	94	94	118	118	118	94	115	118
18	94	94	94	94	94	94	78	78	67	67	67	67	67	78	78	94	118	94	118	94	118	94	118	118	91	118
19	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	118	118	94	94	118	97	118
20	94	94	94	94	94	78	78	78	78	94	94	94	94	94	94	94	118	118	118	118	118	94	94	94	96	118
21	94	94	94	94	94	94	94	94	94	94	94	94	94	118	118	118	118	118	118	118	118	94	94	94	102	118
22	94	94	94	94	94	94	94	94	94	94	94	94	94	94	118	118	118	118	118	118	94	94	94	94	103	118
23	94	94	94	94	94	94	94	94	94	94	94	94	94	118	118	118	118	118	118	118	118	118	118	118	105	118
24	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118
25	118	118	118	118	118	118	118	118	118	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	103	118
26	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	118	94	94	95	118
27	94	94	94	94	94	94	94	94	94	94	94	94	118	118	118	118	118	118	118	118	118	118	118	118	106	118
28	94	94	94	94	94	94	94	94	94	94	94	94	118	118	118	118	118	118	118	118	94	94	94	94	102	118
29	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	118	118	118	118	118	118	118	118	102	118
30	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	118	118	118	97	118
31	118	118	118	118	118	118	118	118	118	118	94	118	118	118	118	118	118	94	94	118	157	157	157	157	122	157
AV	104	103	104	103	104	102	102	99	100	100	98	98	101	104	105	107	112	109	108	109	111	109	110	108	105	( )
NO	15	15	15	15	15	15	16	12	13	15	11	13	14	17	17	16	16	16	14	16	19	19	20	20	12	( )

OUTPT (VERSION N 28 JUL 76)

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
6	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5	5	5	5	5	5	5	5	5	5	5
7	0	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
8	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
9	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
17	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [	]
SD	0	2	1	1	2	2	1	1	2	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1 [	]

OUTPT (VERSION N 28 JUL 76)

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JUNE,1976

AEROVIRONMENT INC.

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**********************
*                    *
*  PRELIMINARY DATA  *
*  AS OF 19/SEP/76   *
*                    *
**********************
*                    *
*    SUBJECT TO      *
*     REVISION       *
*                    *
**********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	0	5
14	10	5	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	5	5	5	5	0	10
15	5	5	5	5	10	10	10	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	5	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
18	0	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
19	0	0	0	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	5	5	5	5	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	5
25	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	
60	2	2	2	2	2	2	2	2	1	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1 [ ]	

OUTPT [VERSION N 28 JUL 76]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	5	0	5	5	5	0	0	0	0	0	0	0	0	0	0	5
5	0	0	5	10	5	5	5	5	5	5	0	0	0	0	0	5	0	0	0	0	0	0	[FO]	[FO]	0	10
6	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
7	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
8	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
9	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
10	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
11	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
12	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
13	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	10	5	5	5	5	5	5	5	10	5	5	5	10
14	5	5	5	10	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
15	5	5	10	5	10	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
16	5	5	5	5	5	5	10	10	5	5	15	5	5	5	5	5	5	5	5	5	5	0	0	0	5	15
17	5	5	5	5	0	5	5	5	5	5	0	5	5	0	5	5	5	5	5	5	0	5	5	5	5	5
18	5	5	5	5	5	10	10	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	10
19	5	5	5	5	5	5	10	5	5	0	0	0	5	5	5	5	5	5	5	0	5	5	5	5	5	10
20	5	5	10	10	10	10	10	10	5	5	5	5	5	5	5	5	5	0	5	0	5	5	5	5	5	10
21	5	5	5	5	5	10	5	5	5	0	0	0	0	0	0	0	5	5	0	0	5	5	5	5	5	10
22	5	5	5	10	5	10	5	5	5	5	5	5	0	5	5	0	5	0	5	0	0	5	0	5	5	10
23	5	5	5	5	5	5	5	5	5	5	0	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5
24	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	10
25	5	5	5	5	5	5	5	5	0	[MT]	[MT]	10	5	5	5	5	5	5	5	5	5	5	5	5	5	10
26	5	10	5	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	10
27	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
28	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	10	5	5	5	5	5	5	5	5	5	5	5	5	10
29	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
30	10	10	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	10	10
31	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
AVG	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[ ]
80	3	3	3	4	4	4	4	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	[ ]

OUTPT [VERSION N 28 JUL 76]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
6	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	5	5	5	5	5	5	5	5
7	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	5	5	5
8	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	5	5	5	5	5
9	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
10	0	0	5	5	5	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
11	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	0	5
16	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5
17	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
26	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [	]
SD	2	2	2	2	2	2	2	2	2	2	1	1	1	0	0	1	0	0	1	1	1	2	2	2	1 [	]

OUTPT [VERSION N 28 JUL 76]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	0	5
14	5	5	0	0	5	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	5	5	5	0	5
15	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
17	0	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
18	0	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
19	0	0	0	5	5	5	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
24	0	0	5	0	5	5	5	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	5
25	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
60	1	2	2	2	2	2	2	2	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	2	1	[ ]

OUTPT [VERSION N 28 JUL 76]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[FO]	[FO]	0	0
6	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
7	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
8	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
9	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
10	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
11	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
12	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
13	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	[MT]	[MT]	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
26	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
27	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
28	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
30	5	5	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	5	5
31	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	2	2	1	1	1	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	[ ]

OUTPT [VERSION N 28 JUL 76]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

MAY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
6	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
27	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
29	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
30	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5 [ ]	
SD	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2 [ ]	

OUTPT [VERSION N 28 JUL 76]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JUNE,1976

AEROVIRONMENT INC.

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**********************
*                    *
* PRELIMINARY DATA   *
* AS OF 19/SEP/76    *
*                    *
**********************
*                    *
*   SUBJECT TO       *
*    REVISION        *
*                    *
**********************
```

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	0	0	0	0	5
13	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	10	10	10	15	15	5	15
14	15	10	5	5	5	5	10	5	5	0	10	10	5	5	5	5	5	5	5	10	10	10	10	10	5	15
15	10	10	10	15	15	15	15	10	5	5	5	5	5	0	0	5	5	0	0	0	5	5	5	5	5	15
16	5	5	10	5	10	10	5	5	5	15	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	15
17	10	10	10	10	10	10	10	10	10	5	5	5	5	0	0	0	5	5	5	5	5	10	10	5	5	10
18	10	10	10	10	10	10	10	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
19	5	5	10	10	10	10	10	10	10	15	0	5	5	5	5	5	5	5	0	5	5	5	5	5	5	15
20	5	5	5	10	10	10	10	5	5	5	5	5	5	5	0	5	5	5	5	5	5	0	5	5	5	10
21	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	0	5	5	5	5	5	10	5	5	5	5	0	5	5	5	5	0	5	5	5	5	5	5	5	5	10
23	10	5	10	10	10	10	10	5	5	5	5	5	0	5	0	0	0	0	0	5	5	10	5	5	5	10
24	5	10	10	10	10	10	10	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	10	10
25	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	10	0	0	0	5	5	5	5	5	0	0	0	0	0	5	5	10
26	5	5	5	5	5	5	5	5	5	0	0	0	0	5	0	0	0	0	0	5	5	5	5	5	5	5
27	5	5	5	10	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	5	10
28	5	5	5	5	5	5	5	5	0	0	[CA]	5	0	0	0	0	0	0	0	0	5	0	5	0	0	5
29	5	5	5	5	5	10	5	5	5	0	5	5	0	5	0	0	0	0	5	0	0	0	0	0	5	10
30	0	0	0	5	5	0	5	0	0	0	0	5	0	0	0	0	0	0	0	5	5	5	5	5	0	5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	[ ]
SD	4	4	4	4	4	5	5	4	3	4	3	3	2	2	2	2	2	2	2	3	3	4	4	4	3	[ ]

OUTPT [VERSION N 28 JUL 76]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	5	5	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
2	0	5	0	0	5	5	5	5	5	5	0	5	5	0	0	0	0	0	5	0	5	5	5	5	5	5
3	5	5	5	5	5	5	10	5	5	0	0	0	0	0	0	0	5	0	5	5	5	5	0	5	5	10
4	5	5	5	10	10	10	5	5	5	0	0	0	0	5	5	0	0	0	5	0	0	0	0	5	5	10
5	5	5	5	15	5	10	10	5	5	5	0	0	0	5	0	0	0	0	0	0	10	0	[FO]	[FO]	5	15
6	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
7	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
8	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
9	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
10	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	15	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	15	15
11	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
12	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
13	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	5	5	5	5	5	5	5	5	10	5	5	5	10
14	5	5	10	10	10	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
15	10	10	10	10	10	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
16	5	10	10	10	10	10	10	10	10	10	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	10
17	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	10
18	10	10	10	10	10	10	10	10	5	10	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	10
19	5	5	10	10	10	10	10	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
20	10	10	10	10	10	10	10	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
21	10	5	5	10	10	10	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
22	5	10	10	10	10	10	10	5	10	5	5	10	5	5	10	5	5	5	5	5	5	5	5	5	5	10
23	5	5	5	10	10	10	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
24	5	5	5	5	5	10	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
25	5	5	5	5	5	10	10	10	5	[NT]	[NT]	15	5	5	5	5	5	5	5	5	5	5	5	5	5	15
26	5	5	5	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	5
27	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
28	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	10	10	10	10	10	10	10	10	10	10	10	10	10	10
29	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
30	10	10	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	10	10
31	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
AV	5	5	5	10	10	10	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5 [	]
SD	3	2	3	3	2	2	2	2	3	3	3	4	3	2	3	3	3	3	2	3	3	3	3	2	3 [	]

OUTPT [VERSION N 28 JUL 76]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	BEA
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	5	5	5	5	5	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5
7	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5	5	5	5	5	5	0	0	0	5	5
8	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	0	5	0	0	0	0	0	0	5
9	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	5	5	0	5	5	0	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	5	5
12	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	0	5
13	5	5	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	0	0	0	5	5
16	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5
22	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5
23	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
27	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
29	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5	0	5	5
30	0	0	0	0	0	5	0	0	0	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5
31	5	0	5	5	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[ ]
SD	2	2	2	2	2	2	2	2	2	1	1	1	1	0	1	1	1	2	1	2	2	2	2	2	1	[ ]

OUTPT [VERSION N 28 JUL 76]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4	5	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	5	5
11	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	5	5	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	5	5
12	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	0	5	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	5	5	5	5	5	5	5	5	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	5	5
23	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	0	5	0	5	5	5
25	0	5	0	0	0	0	0	0	0	5	5	5	5	5	0	0	5	5	0	0	0	0	0	0	0	5
26	0	0	0	5	5	0	5	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
27	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5	5	0	5	0	0	5	5	5
28	5	5	5	5	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5
29	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	5	5
30	0	5	5	5	5	5	5	0	0	5	5	5	0	5	5	0	0	0	0	0	0	0	0	0	0	5
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5 [ ]	
SD	2	2	2	1	2	2	2	2	2	0	0	0	1	0	1	2	1	1	1	2	2	2	2	2	1 ( )	

OUTPT (VERSION N 28 JUL 76)

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5	0	0	5
2	5	5	5	0	0	0	0	0	0	0	5	0	0	0	5	5	5	5	5	5	0	0	0	0	0	5
3	0	0	0	0	0	0	5	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
4	0	0	0	0	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	5
5	0	0	0	0	0	5	0	0	0	0	5	5	5	5	5	5	0	5	5	5	5	0	0	0	0	5
6	0	0	0	0	0	0	5	0	0	0	5	5	5	0	5	5	0	0	0	0	0	0	0	0	0	5
7	0	0	0	0	0	0	0	0	0	5	0	5	0	0	0	0	5	0	0	0	0	0	0	0	0	5
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
12	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5
14	0	5	0	5	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
15	0	0	0	0	0	0	0	0	0	0	5	0	5	5	5	5	5	5	0	5	0	5	5	5	0	5
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5
19	5	0	5	5	0	5	5	0	5	5	5	5	5	0	5	5	5	0	5	5	5	0	5	5	5	5
20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23	5	5	5	5	5	0	0	5	0	0	5	5	5	5	0	0	5	5	5	5	0	5	0	5	5	5
24	0	0	0	0	0	5	5	5	0	5	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	5
25	0	0	0	0	0	0	0	0	5	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	5	5	5	5	5	5	0	5
27	5	5	0	0	5	0	5	0	5	5	5	5	0	5	5	5	0	5	5	5	0	0	0	0	5	5
28	0	0	0	0	5	0	0	0	0	0	5	0	0	0	5	0	0	0	0	0	0	0	5	0	0	5
29	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	5
AV	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	
SD	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2 [ ]	

OUTPT [VERSION N 28 JUL 76]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	DATE
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
7	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	5	0	0	0	0	0	0	5
17	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	
SD	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0 [ ]	

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	0	0
11	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	0	0	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	0	0
12	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	0	0
23	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	( )
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	( )

OUTPT (VERSION N 28 JUL 76)

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

OUTPT (VERSION N 28 JUL 76)

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	5	5	5	5	5	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5
7	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	0	0	0	0	0	0	0	0	0	0	5
8	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
16	0	0	0	0	0	0	0	0	0	5	5	5	0	0	0	5	0	0	0	0	0	0	0	0	0	5
17	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	5
23	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	
50	0	0	0	0	0	0	0	1	1	1	2	1	1	1	1	1	0	0	0	0	0	1	1	0	1 [ ]	

OUTPT [VERSION N 28 JUL 76]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	5	0	0	5	5	0	0	5	5	0	5	5	5	5	5	5	0	5
7	5	5	5	5	5	0	5	5	0	0	0	0	5	5	0	5	5	5	0	0	0	0	5	5	5	5
8	0	5	5	0	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
9	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	0	5	5	0	5	0	5	5	0	0	0	5	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	5
11	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	5
12	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	0	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	5	0	5	5	0	0	5	5	5	0	0	0	0	0	0	0	0	5	5	5
14	0	5	5	5	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	5	0	0	0	0	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	5
23	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	5
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5
26	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	5	5	0	0	0	0	0	0	5
27	5	0	0	0	0	5	0	0	5	5	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	5
28	5	5	0	5	0	0	0	0	0	5	0	5	5	5	0	5	5	5	5	0	5	0	0	0	5	5
29	0	0	0	5	5	0	5	0	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	5
30	5	0	0	0	0	5	5	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	5	0	5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	
SD	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1 [ ]	

OUTPT [VERSION N 28 JUL 76]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	DE
1	5	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
2	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	0	0	0	0	0	0	5
3	0	5	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
4	0	0	0	0	0	5	0	5	5	5	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	5
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5
14	0	5	5	5	5	5	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
15	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
16	0	0	0	5	0	0	0	0	0	0	5	5	0	0	0	0	5	5	0	0	0	0	0	0	0	5
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	0	5	0	0	0	0	0	5
18	0	0	0	5	5	5	0	5	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	5	5	5	0	0	5	5	5	5	0	0	0	5	5	0	5	0	0	5	0	0	0	0	0	5
21	0	0	0	5	5	0	5	5	0	5	5	5	5	5	5	5	0	0	5	5	5	0	5	5	5	5
22	5	5	5	5	5	5	0	0	0	5	0	0	5	5	0	5	5	5	5	5	5	5	5	5	5	5
23	5	5	5	5	5	0	0	0	0	0	0	5	0	5	0	0	5	0	0	0	0	0	0	0	0	5
24	0	0	0	0	5	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
25	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	5	5	5	5	5	0	5
27	5	5	0	5	0	0	0	0	5	0	0	5	5	0	5	5	0	0	0	5	0	0	0	0	0	5
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	5
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	5
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	[ ]

OUTPT [VERSION N 28 JUL 76]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

ALROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	FEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
7	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[MT]	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	
SD	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	

OUTPT [VERSION N 28 JUL 76]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PAK
1	0	0	0	0	0	0	0	0	0	0	0	0	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	0	0
2	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	15	0	0	0	0	0	0	0	0	0	20
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	0	0
7	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	15	65	15	0	0	0	0	0	0	0	0	0	5	65
9	0	0	0	0	0	0	0	0	0	0	0	0	15	65	80	50	15	145	15	0	0	0	0	0	15	145
10	0	0	0	0	0	0	0	0	0	45	25	20	65	165	205	260	145	145	170	35	0	0	0	0	55	205
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	15
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	20	0	90	60	75	115	10	0	0	0	0	0	0	15	115
21	0	0	0	0	0	0	0	0	0	0	0	25	45	60	35	80	0	60	0	0	0	0	0	0	15	80
22	0	0	0	0	45	0	0	20	0	0	0	(FO)	(FO)	0	0	0	0	0	0	0	0	0	0	0	5	45
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	30	45	0	30	20	0	0	0	0	0	0	0	0	5	45
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	0	0
30	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	0	0	0	0	0	0	0	0	0	0	0	0
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	0	0	0	0	0	0	0	0	0	0	0	5	10	15	15	15	10	15	5	0	0	0	0	0	5	( )
SD	0	0	0	0	8	0	0	4	0	8	5	9	17	39	42	42	42	39	32	7	0	0	0	0	10	( )

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55	200	135	55	50	0	0	0	0	0	20
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	25	5	45	165	135	45	0	0	0	0	0	20
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15	5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	160	35	0	0	0	0	0	0	0	10
7	0	0	0	0	0	0	0	0	0	0	0	65	210	195	190	145	155	95	145	10	0	0	40	100	55
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	125	55	0	0	0	20	10	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	10	0	35	0	0	0	0	0	5
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	25	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	(PF)	(PF)	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	90	45	0	0	0	0	0	0	5
25	0	0	0	0	0	0	0	0	0	0	0	0	40	145	20	100	10	0	0	0	0	0	0	0	15
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	120	0	0	0	0	0	0	0	0	5
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	20	25	115	55	0	0	0	0	0	0	0	0	0	10
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	0
30	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	( )
31	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	( )
AV	0	0	0	0	0	0	0	0	0	0	0	5	10	15	15	35	25	10	10	0	0	0	0	5	5 ( )
SD	0	0	0	0	0	0	0	0	0	0	0	12	39	47	37	58	49	32	29	5	4	2	7	19	11 ( )

OUTPT (VERSION N 28 JUL 76)

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 24/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
7	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5	5	5	0	5	5	0	0	5	5
8	0	0	0	0	0	0	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	5
9	0	0	0	0	0	0	0	5	5	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	5
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	5	0	0	0	[MT]	5	0	0	0	0	0	0	0	0	0	5
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	
SD	0	0	0	0	0	0	0	2	2	1	2	1	1	0	0	1	1	1	1	0	1	1	0	0	1 [ ]	

OUTPT (VERSION N 28 JUL 76)

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	DAY
1	0	0	0	0	0	0	0	0	0	0	0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	0
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	5	0	0	0	0	0	0	0	0	0	0	0	0	5
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	15	0	0	0	0	0	0	0	0	0	15
6	0	0	0	0	0	0	0	0	0	0	0	10	0	0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	10
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	5	25	15	0	0	0	0	0	0	0	0	0	0	25
9	0	0	0	0	0	0	0	0	0	0	0	10	10	35	60	50	35	70	10	5	0	0	0	0	10	70
10	0	0	0	0	0	0	0	0	0	30	30	30	40	100	105	110	110	95	110	20	0	0	0	0	35	110
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	5	0	0	0	0	0	0	0	0	10
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	15	0	55	35	45	60	10	5	0	0	0	0	0	10	60
21	0	0	0	0	0	0	0	0	0	0	0	25	25	60	35	35	5	25	5	0	0	0	0	0	10	60
22	0	0	0	0	40	0	0	10	0	0	0	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	40
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	20	20	5	20	10	0	0	5	0	0	0	0	0	5	20
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	10
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
29	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
30	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	0	0	0	0	0	0	0	0	0	0	5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	5	5	10	10	10	10	5	5	0	0	0	0	0	0	[ ]
SD	0	0	0	0	8	0	0	2	0	6	6	9	10	24	24	24	24	22	21	4	0	0	0	0	6	[ ]

OUTPT [VERSION N 28 JUL 76]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	[illegible]
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	115	85	40	30	0	0	0	0	0	15	119
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0	15	95	85	25	0	0	0	0	0	10	95
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15	5	0	0	0	0	0	0	0	1	15
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	90	20	0	0	0	0	0	0	0	5	90
7	0	0	0	0	0	0	0	0	0	0	0	40	115	110	105	85	90	50	85	10	0	0	15	50	30	115
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	0	0	0	25
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	30	0	0	0	15	5	0	0	5	45
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15	0	15	0	0	0	0	0	0	15
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	15
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	15
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	[PF]	[PF]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	20	0	0	0	0	0	0	5	45
25	0	0	0	0	0	0	0	0	0	0	0	0	25	70	10	50	5	0	0	0	0	0	0	0	5	70
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55	0	0	0	0	0	0	0	0	0	55
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	10
28	0	0	0	0	0	0	0	0	0	0	0	10	35	75	35	0	0	0	0	0	0	0	0	0	5	75
29	0	0	0	0	0	0	0	0	0	0	0	0	10	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	10
30	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
31	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	5	10	10	20	15	5	5	0	0	0	0	0	5	[ ]
SD	0	0	0	0	0	0	0	0	0	0	0	8	22	27	21	52	28	19	17	3	3	1	3	9	6	[ ]

OUTPT [VERSION N 28 JUL 76]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
7	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[MT]	5	0	0	0	0	0	0	0	0	0	5
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0 [ ]	

OUTPT (VERSION N 28 JUL 76)

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	DEA
1	0	0	0	0	0	0	0	0	0	0	0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	0
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	0
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
30	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0 [ ]	

OUTPT (VERSION N 28 JUL 76)

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	[PF]	[PF]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
30	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
31	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	
SD	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	

OUTPT [VERSION N 28 JUL 76]

TOTAL HYDROCARBONS
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	DEA
1	1070	1080	1090	1090	1100	1110	1100	1110	1100	1100	1090	1080	1060	1060	1060	1090	1060	1040	1050	1040	1040	1070	1060	10401030	1110	
2	1050	1060	1070	1060	1070	1060	1110	1420	1310	1190	1070	1120	1040	1040	1030	1030	1020	1040	1120	1030	1020	1030	1050	10701090	1420	
3	1040	1050	1050	1050	1050	1050	1050	1180	1180	1180	1180	1050	1050	1070	1080	1070	1120	1070	1080	1070	1060	1150	1050	10501030	1180	
4	1080	1040	1060	1090	1120	1060	1050	1050	1040	1040	1100	1030	1030	1030	1120	1040	1010	1010	1010	1040	1100	1020	1150	10401060	1190	
5	1030	1020	1100	1030	1030	1030	1040	1040	1050	1030	1040	1040	1030	1030	1030	1030	1040	1030	1050	1090	1060	1170	1040	10501050	1180	
6	1060	1070	1150	1150	1080	1130	1060	1070	1070	1060	1030	1080	1090	1090	1040	1220	1620	1530	1370	1770	1600	1430	1390	14201220	1770	
7	1320	1330	1280	1270	1270	1100	1280	1290	1380	1070	1560	[CA]	1690	1260	1110	1650	950	1090	1030	1010	1070	1070	1010	10401240	1330	
8	1000	1060	1080	1030	1090	1270	1020	1080	1020	1020	1050	1070	1070	1020	1020	1020	1020	1080	1020	1090	1070	1060	1050	10401060	1270	
9	1090	1060	1100	1110	1090	1140	1060	1080	1090	1160	1140	1050	1100	1040	1100	1030	1040	1040	1030	1040	1120	1030	1230	10401080	1230	
10	1030	1000	1030	1000	1030	1030	1040	1000	1080	1070	1060	1100	1030	1010	1050	1030	1070	1030	1010	1150	1030	1010	1040	10201050	1150	
11	1020	1040	1040	1040	1030	1060	1070	1140	1010	1000	1000	1010	1020	890	990	1000	1000	990	1000	1010	1030	1060	1030	10401020	1140	
12	1170	1040	1100	1040	1070	1040	1100	1170	1170	[CA]	[CA]	[CA]	[CA]	1060	1050	1050	1050	1040	1040	1060	1170	1040	1100	10701080	1170	
13	1080	1080	1050	1030	1060	1060	1060	1070	1060	1050	1060	1210	1110	1040	1030	1030	1040	1050	1060	1000	990	1140	1060	9901060	1210	
14	1010	1000	1010	1030	990	1040	1000	1170	1210	1060	1040	1020	980	970	970	990	980	990	960	970	1000	980	960	9701010	1210	
15	970	990	1020	1000	1010	1020	1020	1030	1050	1030	1510	1460	1460	1050	[CA]	1630	1720	1320	1060	1050	1060	1120	1050	10701150	1720	
16	1060	1060	1070	1070	1140	1070	1070	1060	1200	1430	1200	1060	1060	1070	1090	1070	1070	1080	1070	1110	1050	1050	1040	10401100	1430	
17	1050	1070	1070	1070	1100	1110	1090	1090	1100	1110	1080	1060	1060	1070	1050	1050	1070	1040	1020	1090	1020	1020	1010	10201070	1110	
18	1050	1040	1000	1010	1040	1020	1030	1080	1100	1050	1070	[CA]	1030	1020	1010	1010	1000	1000	990	990	980	1190	1090	9901030	1190	
19	990	990	990	1010	1040	990	1020	1000	1020	990	990	990	1020	1000	990	1060	950	1010	950	1010	990	1020	1000	10101000	1040	
20	1010	1000	1050	1030	1010	1020	1120	1020	1010	1020	1050	1010	1000	1000	1020	1000	1020	1090	1010	1000	1070	1040	1050	10201050	1120	
21	1030	1020	990	990	1030	1090	1020	1150	1120	1060	1120	960	1040	1080	1050	1050	1010	1030	1010	1010	1150	1030	1150	10501060	1150	
22	1040	1020	1020	1010	1010	1290	1030	1040	1040	1000	990	990	1190	1050	1030	1040	1040	1050	1040	1090	1040	1030	1120	10201050	1290	
23	1090	1010	1020	1090	1160	1020	1170	1020	1030	1070	1080	1030	1030	1050	1030	1060	1090	1020	1030	1030	1040	1060	1100	11001060	1170	
24	1100	1070	1100	1070	1090	1130	1050	1050	1110	1070	1030	1030	1090	1020	1200	1230	1020	1050	1020	1020	1010	1050	1010	10101070	1230	
25	1040	1030	1010	1010	1020	1030	1030	1040	1080	1060	1060	1030	1040	1030	1020	1030	1030	1010	1010	1040	1020	1020	1020	10201030	1040	
26	1020	1020	1020	1020	1020	1060	1040	1040	1030	1060	1060	1040	1030	1030	1020	1030	1040	1070	1030	1050	1030	1030	1020	10201040	1080	
27	1030	1060	1050	1040	1040	1040	1040	1040	1090	1250	1060	1050	1050	1020	1020	1010	1010	1000	1010	1020	1000	1000	1000	10201040	1250	
28	1020	1020	1010	1040	1010	1020	1080	1180	1280	1120	1060	1010	1020	1070	1020	1040	1040	1000	1030	1060	1020	1010	1020	10401050	1280	
29	1020	1020	1020	1050	1030	1080	1050	1050	1070	1060	1040	1040	1050	1020	1070	1060	1060	1040	1040	1040	1060	1060	1070	10701050	1080	
30	1120	1060	1060	1210	1090	1080	1070	1150	1090	[CA]	1070	1130	1520	940	1060	1110	1070	1060	1050	1060	1050	1050	1080	10601100	1520	
31	1070	1060	1060	1070	1160	1100	1080	1110	1170	1110	1070	1060	1060	1140	1070	1070	1070	1060	1060	1060	1070	1070	1150	10701030	1170	
AV	1050	1050	1060	1060	1060	1090	1070	1100	1110	1100	1100	1070	1110	1040	1050	1070	1080	1050	1040	1070	1070	1070	1070	10501070	[	1
SD	62	57	55	58	56	97	52	86	90	112	125	90	186	60	45	114	160	76	66	134	117	83	85	73	52	[1

OUTPT [VERSION N 28 JUL 76]

TOTAL HYDROCARBONS
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1090	1070	1070	1070	1030	1090	1030	1140	1110	1090	1100	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	1090	1140
2	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	1310	1070	1070	1070	1050	1040	1020	1040	980	1000	1000	1020	1050	1310
3	1030	1000	1060	1000	1030	1010	1050	1340	1250	1040	920	1030	1020	1020	1410	930	970	1020	990	980	1000	990	990	990	1040	1410
4	990	1020	1000	990	990	990	1000	1180	1110	1050	1040	1000	1010	1030	1000	990	1020	1020	980	980	980	1010	1040	1060	1020	1180
5	1000	990	1000	990	990	1000	1040	1060	1100	1040	1040	1190	1250	970	970	1180	1010	1010	980	980	960	1010	990	1010	1030	1250
6	1010	990	980	970	990	1180	1360	1260	1100	990	1020	1030	1160	1030	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	1080	1360
7	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	1220	1150	1050	1030	990	990	960	960	980	1020	1040	1220
8	990	990	980	990	1090	980	1040	1120	1030	960	(CA)	1230	1270	3070	1200	1070	1060	1060	1060	1000	990	930	990	990	1150	3070
9	990	990	990	990	920	990	920	990	1050	1180	1050	1050	1240	2090	2480	4050	3260	4170	4760	1500	1000	990	990	960	1640	4760
10	990	990	1000	980	990	990	990	1010	990	2060	2830	3020	6290	6260	6410	6500	6400	6350	6260	2020	1010	980	980	980	2020	6410
11	990	1020	980	990	990	990	990	1010	1000	1200	1260	1010	970	970	1020	1100	1040	990	980	990	980	990	980	1000	1020	1260
12	990	1160	1060	980	990	990	1000	1000	1020	1010	990	980	980	980	980	980	980	980	980	980	990	1020	1010	990	1000	1160
13	1000	980	940	1050	1150	1040	1070	1030	1000	990	980	990	1010	990	970	930	960	970	1060	990	990	1000	1000	1000	1000	1150
14	1010	1120	1070	1070	1070	1040	1060	1020	1040	1000	1000	950	1010	1010	1050	1050	1010	1010	1010	1010	1000	1050	1010	1000	1050	1120
15	1010	1010	1040	1050	1040	1040	1030	1090	1040	1060	1020	1030	1010	1020	1050	1050	990	990	990	1050	1000	1010	1000	1000	1030	1090
16	1000	990	990	1000	990	1000	990	1050	1030	1010	1000	1030	1050	1010	990	960	970	970	1060	970	970	970	990	960	990	1050
17	960	960	990	960	990	980	1000	980	980	1010	(CA)	980	1000	1000	1000	1000	1000	990	1030	1050	1050	1000	1000	1000	990	1050
18	1000	1010	1010	1020	1030	1020	1040	1010	1050	1030	1080	1030	1010	1060	1000	1000	1020	1000	1010	1000	1010	1010	1020	1030	1020	1080
19	1010	1010	1010	1010	1010	1010	1020	1040	1070	1030	1040	1020	1010	1000	1000	1000	1000	990	1110	990	990	990	990	990	1010	1110
20	1000	1000	990	1010	1040	990	1000	1080	1110	(CA)	1070	1130	1010	5160	3540	4660	3970	1130	1000	960	990	960	980	990	1610	5160
21	960	960	980	980	970	970	960	970	960	950	1310	2340	2530	3100	3170	2920	1520	1270	1210	950	990	950	990	960	1410	3170
22	950	950	960	950	2670	1020	950	850	940	1040	1530	1660	1060	1160	950	990	950	960	980	1010	1010	1030	1010	970	1100	2670
23	1080	980	1070	1020	990	1000	1010	1010	1050	1040	1000	1010	1010	(CA)	940	930	1000	1130	990	1010	1000	1050	1070	1020	1020	1130
24	1040	1010	1010	1020	1020	1020	1030	1030	1020	1000	1000	990	990	1060	1000	1000	990	990	990	990	990	990	990	1010	1010	1040
25	1000	1010	1000	1010	1000	1000	1060	1010	990	990	970	1160	1220	1220	1220	910	960	960	1120	950	950	960	960	970	1020	1220
26	970	970	990	980	980	990	1030	1040	1010	1000	1060	1000	(CA)	990	1010	1000	930	980	990	990	990	990	990	1010	1000	1060
27	1010	1010	1020	1010	1010	1010	1020	1020	1010	1040	1030	1040	990	980	980	1020	990	980	980	980	990	990	990	1000	1000	1040
28	1000	1000	1020	1030	1020	1010	1010	1010	1010	1030	1050	1060	1070	1010	1000	1000	980	980	960	980	990	990	1000	990	1010	1070
29	1020	990	990	980	980	990	1000	1010	1020	1070	1020	1020	(CA)	1640	2060	2390	1680	1500	1620	2020	2020	2030	1900	2040	1430	2390
30	1920	1600	1830	1540	1550	1400	1430	1610	1510	1890	1990	2220	3070	3100	3450	2870	2870	1540	1670	2190	2650	2290	1820	1710	2070	3450
31	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
AV	1040	1040	1040	1020	1090	1030	1040	1060	1060	1100	1170	1220	1400	1660	1590	1630	1490	1350	1380	1140	1090	1080	1060	1060	1190	( )
SD	175	158	155	104	322	82	105	115	106	253	396	493	1068	1336	1226	1327	1205	1127	1175	407	553	303	223	232	390	( )

OUTPT (VERSION N 28 JUL 76)

TOTAL HYDROCARBONS
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
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****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	DEA
1	1770	2180	2510	2040	1710	1640	1970	2290	1760	2550	2220	1820	2190	2460	2440	2490	2650	2790	2770	3020	2690	2370	2110	1690	2260	4920
2	1690	1720	2380	2180	2160	1890	2210	1900	1580	(CA)	930	990	1000	1060	3140	6160	5650	3010	2390	980	990	1030	1010	1120	2050	6160
3	1010	1010	1010	1010	1020	1010	1060	1010	1010	1040	990	1000	1030	1070	1000	1000	1000	1000	1000	990	990	980	990	990	1010	1070
4	990	1000	1000	1000	1000	1000	1000	1020	1060	1050	1010	1020	1000	1250	1120	2500	5010	3570	1160	960	970	980	1050	1030	1380	5510
5	1010	1030	1000	1000	1000	1000	1010	1040	1070	(CA)	1020	1000	1040	990	1120	2800	1180	970	960	970	990	970	960	960	1090	2800
6	970	970	990	1060	1020	990	1000	1000	1000	990	1010	980	1240	990	2730	5270	1240	990	950	950	960	1060	970	970	1260	5270
7	970	990	990	960	990	960	960	960	970	950	950	2780	5870	6100	6050	5870	5370	4390	5590	1020	1020	950	1600	1410	2420	6100
8	1040	970	1030	980	970	960	960	960	1000	990	950	960	950	960	950	950	980	950	970	950	970	960	990	960	970	1040
9	1020	960	960	1000	960	960	1020	1110	1040	950	1010	950	950	950	2820	1000	1000	940	1020	1040	950	960	1990	960	1110	2820
10	980	980	960	960	960	960	960	960	950	950	950	960	980	950	950	1100	4260	1100	960	980	1160	1160	970	970	1020	4260
11	990	970	960	970	960	980	960	960	950	980	(CA)	940	940	930	930	2870	980	1160	980	950	960	950	950	930	1050	2870
12	950	940	990	950	1000	950	960	1010	980	1000	950	960	1110	920	1110	970	940	980	950	940	990	1010	1000	970	980	1110
13	950	1010	1000	1010	980	960	1000	980	950	980	1030	1000	950	950	960	1180	950	950	980	960	1020	1020	1040	970	990	1180
14	1000	1000	1000	1000	1000	1000	1000	1000	1010	1010	970	1010	1000	1010	990	1000	980	970	970	1010	980	980	990	1010	1000	1010
15	1000	1000	980	980	980	990	990	1010	1120	1170	1000	1000	1070	1030	990	980	980	1050	990	980	1070	1010	990	990	1010	1170
16	980	1000	980	970	970	980	970	1010	1070	1010	970	960	950	940	950	920	920	920	930	970	930	940	1020	1000	970	1070
17	950	920	970	930	930	920	910	950	900	(CA)	920	890	890	920	890	890	900	910	910	910	1000	940	940	970	920	1000
18	940	920	960	930	1000	1010	1170	990	960	970	920	920	950	930	920	950	910	910	950	980	910	970	940	950	960	1170
19	920	980	940	950	950	960	1010	1040	990	950	940	930	960	940	920	1080	940	1030	960	940	970	950	950	950	970	1080
20	930	980	990	940	1030	950	960	960	1000	1030	970	910	970	970	970	1340	950	940	1040	940	950	1050	1010	1010	990	1340
21	950	960	960	960	960	960	1040	1000	960	960	950	960	960	950	990	950	960	960	960	970	980	1040	1040	1000	970	1040
22	980	970	970	1010	990	980	980	990	1140	1050	1020	1050	1050	1000	1000	1010	1030	1010	980	970	980	980	990	1020	1010	1140
23	990	990	1030	1020	1000	1000	1010	1140	1170	1130	(PF)	(PF)	1130	990	1000	1000	930	920	920	910	910	920	930	970	1000	1170
24	910	920	930	920	920	1040	920	950	950	940	910	910	900	900	900	900	3990	1040	1020	990	980	970	1000	980	1110	3990
25	1010	970	980	1050	1070	1120	970	980	1040	980	960	960	1250	5530	1050	5320	1010	1110	990	1010	1010	1070	1030	1070	1310	5530
26	980	980	980	980	980	980	980	1050	1110	1050	1170	(CA)	990	990	990	3390	1050	1020	1030	990	1060	980	1030	980	1120	3390
27	1000	980	980	1000	970	980	970	1040	1030	990	990	970	990	970	990	980	1000	960	960	960	1010	1050	970	970	990	1050
28	970	980	980	1000	1000	1020	1000	1060	1020	990	1040	1190	2510	2870	2310	590	970	970	980	1020	1150	1030	1030	1010	1270	2870
29	1050	1030	1010	1010	1020	1160	990	990	990	970	950	980	(CA)	1190	960	950	940	940	940	1040	960	960	950	950	1000	1190
30	960	980	1080	1010	1020	1110	1000	980	1010	1010	970	960	990	930	930	920	930	920	950	950	950	950	940	940	970	1110
31	970	930	940	930	910	910	940	930	910	960	940	910	960	950	950	920	920	1110	930	990	1180	990	1110	970	970	1180
AV	1030	1040	1080	1060	1050	1040	1060	1070	1050	1060	1020	1070	1270	1410	1420	1830	1650	1290	1240	1040	1060	1040	1080	1020	1170	( )
SD	100	248	360	279	243	199	276	277	166	292	232	563	939	1245	1060	1501	1450	735	954	365	340	249	280	141	372	( )

OUTPT (VERSION N 28 JUL 76)

METHANE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
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****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG	PA
1	1030	1040	1040	1060	1060	1070	1060	1050	1060	1070	1030	1010	1020	1020	1020	1010	1000	1000	1000	990	1000	1010	1010	1010	1030	1070
2	1010	1020	1010	1020	1020	1010	1030	1140	1140	1070	1010	1000	1000	990	980	980	1060	990	980	990	980	990	1010	1020	1020	1140
3	960	960	960	960	960	960	1030	960	1030	960	960	960	1010	900	1020	1010	1020	1010	1010	1010	1010	1000	1000	1000	990	1030
4	1000	1010	1000	1000	1000	990	990	990	990	1090	990	1010	990	980	970	970	970	970	990	980	990	970	990	970	990	1090
5	980	970	980	980	980	980	980	980	990	980	980	980	980	980	970	970	970	970	980	990	1000	980	980	990	980	1000
6	1000	990	990	990	990	990	980	990	990	980	980	1020	930	860	960	970	1170	970	980	980	970	960	960	970	980	1170
7	970	980	970	960	980	970	960	970	1000	1040	1120	(CA)	990	1030	1040	980	960	940	980	1060	1020	990	1000	980	990	11-0
8	980	990	1020	1000	990	990	1000	1000	1000	990	1000	1000	1000	990	980	980	990	990	1190	1000	1000	1000	1010	1000	1000	1190
9	1010	1010	1010	1000	1010	1010	1010	1020	1010	1010	(CA)	1000	1000	990	1020	1010	990	990	1000	1000	1000	1000	990	1000	1000	1020
10	990	990	990	1000	990	1030	1000	1020	1010	1000	1000	990	990	980	970	970	960	960	960	960	950	970	970	940	990	1030
11	980	980	980	990	980	980	1000	1000	970	960	940	940	940	770	950	950	940	940	960	960	1000	970	980	990	960	1000
12	970	970	970	900	970	960	900	960	960	(CA)	(CA)	(CA)	(CA)	990	990	1000	1000	990	1020	1010	1000	1000	990	1000	980	1020
13	990	1000	1000	1010	1020	1020	1020	1000	1010	1000	990	990	990	990	970	960	960	950	950	950	940	940	950	960	960	1020
14	950	960	960	960	940	970	960	1030	1100	970	940	930	930	920	920	920	930	920	910	910	1140	920	920	910	960	1140
15	950	950	960	980	1070	970	1050	960	990	970	1060	1000	1010	1040	(CA)	1030	1010	1000	1010	1010	1010	1020	1010	1010	1000	1070
16	1020	1020	1010	1020	1020	1030	1020	1010	1030	1060	1040	1010	1000	1000	1010	1000	1010	1010	1010	1000	990	990	990	990	1010	1050
17	1000	1010	1010	1010	1010	1020	1030	1010	1020	1020	1010	1000	1000	990	990	990	990	990	980	970	960	960	970	970	1000	1030
18	960	950	950	960	970	960	970	980	1000	990	960	(CA)	970	1200	930	930	930	930	930	930	940	940	980	930	960	1200
19	930	920	940	940	1050	940	940	950	940	940	940	950	950	960	950	940	940	950	940	940	950	950	960	950	950	1050
20	960	960	960	970	960	960	970	960	960	960	960	950	950	950	1040	940	950	950	950	960	960	950	960	960	960	1040
21	970	960	960	960	970	960	960	1010	1000	970	980	960	980	980	980	970	960	970	970	970	970	990	1000	990	980	1010
22	970	950	970	970	960	1000	960	970	950	960	950	960	960	970	960	950	970	970	960	970	970	960	970	970	970	1000
23	970	970	970	990	970	970	980	980	980	990	990	980	980	960	970	970	970	970	980	980	980	970	980	1020	980	1020
24	1020	1000	990	990	1010	990	990	1000	1000	990	940	970	980	980	980	980	960	970	960	960	950	960	970	970	980	1020
25	970	970	970	960	980	970	970	970	990	990	990	960	970	960	1060	970	960	960	960	970	970	970	970	970	970	1090
26	970	970	960	970	970	990	980	1060	980	990	980	980	980	970	970	980	990	980	980	980	980	980	980	980	980	1060
27	980	990	990	980	980	990	990	990	1000	1030	980	1000	980	970	960	960	960	960	960	960	960	960	960	960	950	1030
28	980	960	960	970	970	980	1050	990	1070	1020	990	960	960	960	960	950	1010	950	960	970	960	970	960	970	960	1070
29	960	970	990	1040	980	1010	990	1130	990	990	990	970	980	980	980	980	990	1000	990	1000	1020	1010	1030	1020	1000	1190
30	1020	1020	1010	1010	1020	1030	1030	1030	1040	(CA)	1010	1000	1020	1020	1020	1010	1020	1020	1010	1020	1030	1020	1010	1020	1020	1040
31	1020	1030	1030	1040	1040	1050	980	1050	1040	1040	1030	1020	1020	1080	1100	1020	1020	1030	1100	1030	1030	1030	1030	1030	1040	1100
AV	980	980	980	990	990	990	990	1010	1010	1000	990	980	980	980	980	980	990	980	990	980	990	980	980	980	990	( )
SD	25	26	25	32	32	30	34	50	41	39	38	24	24	67	35	26	45	25	50	26	37	25	24	28	21	( )

OUTPT (VERSION N 28 JUL 76)

METHANE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	DAY
1	1060	1050	1040	1050	1050	1040	1040	1050	1060	1050	1050	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	1050	1
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	1200	1010	1000	1090	1030	1010	1010	1050	1010	1020	1010	1020	1040	2
3	1020	1010	1010	1010	1030	1020	1030	1160	1120	1020	1000	1000	990	990	1000	1000	1010	1000	1000	1000	1020	1000	1010	1020	1020	3
4	1010	1020	1010	1010	1000	1000	1010	1080	1060	1000	1010	1000	1000	990	990	990	1020	990	990	1010	1010	1010	1010	1010	1010	4
5	1010	1010	1010	1000	1020	1010	1020	1030	1050	1020	1010	1110	1300	1010	1010	1220	970	980	970	970	970	1000	1000	1010	1030	5
6	1010	1000	970	970	980	1030	1130	1100	1030	950	920	960	1650	1010	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	1050	6
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	700	940	950	990	960	950	940	950	950	950	930	7
8	950	950	950	960	950	950	950	1000	930	930	[CA]	1060	1690	1500	1070	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	8
9	950	950	950	950	950	950	1010	1010	1010	1010	1010	940	1280	1010	1550	1140	3030	3250	1010	940	1140	990	990	990	1210	9
10	980	990	990	1030	950	980	980	980	980	940	1000	1070	2200	3740	6540	6540	6600	6070	6060	690	956	970	990	990	2229	10
11	990	980	970	980	980	970	980	990	980	990	1150	990	1000	960	970	1040	1110	960	990	990	1000	1000	1000	990	1030	11
12	990	990	1000	1000	990	1000	990	1000	1000	990	1000	990	990	990	990	990	980	980	980	990	990	1000	1000	990	990	12
13	1000	990	990	1000	1040	1010	1010	1010	1000	990	980	990	1000	990	970	990	990	980	1060	1010	1010	1020	1020	1030	1000	13
14	1030	1030	1040	1060	1050	1040	1030	1020	1000	990	980	980	1000	1000	1000	990	1000	990	1010	1010	1010	1020	1020	1010	1010	14
15	1000	1010	1030	1040	1030	1020	1030	1020	1030	1010	1010	990	1070	970	930	980	970	970	970	980	980	980	1020	980	1000	15
16	980	970	960	970	980	960	950	950	970	960	1020	970	990	960	950	790	920	950	940	940	940	950	950	900	940	16
17	890	930	940	930	930	930	940	940	950	940	[CA]	1030	990	980	980	950	960	960	950	960	960	960	970	960	950	17
18	970	970	990	990	1000	990	990	980	990	980	990	980	950	980	970	960	980	970	980	990	990	990	1010	1000	940	18
19	990	1000	1030	1090	1000	990	1000	1090	1000	1010	1010	990	990	980	980	980	990	990	990	1130	1140	980	990	990	1010	19
20	980	990	980	980	980	980	980	1020	1030	[CA]	990	1110	980	3280	3150	4520	3800	930	940	920	920	920	940	980	1450	20
21	930	940	950	940	950	950	940	940	930	920	920	1970	1310	1120	1250	1180	920	1050	930	920	990	920	930	920	1030	21
22	930	920	920	930	2630	940	930	1090	940	920	920	870	930	930	930	930	930	930	950	950	950	950	950	930	1010	22
23	960	950	960	970	980	970	960	990	980	970	960	960	970	[CA]	940	960	970	960	960	890	980	1000	1000	1000	970	23
24	980	990	990	990	1010	1010	1010	1000	970	970	970	970	960	960	970	990	960	960	960	1060	960	960	970	970	980	24
25	960	970	970	970	970	980	980	960	950	950	930	1120	1180	1050	1050	930	920	940	920	920	920	930	920	930	970	25
26	930	1070	950	930	940	950	960	1160	960	960	960	950	[CA]	960	950	950	950	940	940	950	960	960	950	960	960	26
27	960	960	970	970	970	970	980	960	960	970	970	950	940	940	940	960	930	930	930	950	1060	950	950	940	960	27
28	950	970	960	970	970	960	960	960	960	960	980	970	940	940	940	940	930	930	940	960	950	940	940	930	950	28
29	940	940	930	940	930	1080	950	960	950	950	960	950	[CA]	2690	920	920	990	920	920	920	930	990	990	1000	1030	29
30	960	1110	1000	970	980	980	1220	990	1070	960	1010	1040	1180	1010	3070	970	970	960	970	960	970	960	1040	950	1100	30
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	31
AV	980	990	980	980	1040	990	1000	1010	990	980	990	1030	1120	1260	1350	1320	1350	1250	1150	970	990	980	980	970	1060	AV
SD	35	42	32	35	307	35	59	58	67	34	46	192	270	722	1145	1202	1195	1090	545	52	54	30	32	46	245	SD

OUTPT (VERSION N 28 JUL 76)

METHANE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****

SUBJECT TO REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	MAX
1	960	960	960	960	960	950	950	950	950	960	940	940	950	960	950	940	950	950	940	950	940	960	930	940	950	960
2	930	940	920	940	970	960	970	970	960	(CA)	950	950	970	960	3460	6400	6270	3070	1830	930	950	930	990	990	1660	6400
3	980	970	980	960	980	990	980	980	980	960	1020	940	950	960	960	960	970	950	950	980	960	950	960	950	970	1020
4	1000	970	970	970	980	970	970	970	980	960	950	940	950	1060	950	2350	4760	2520	960	920	920	920	930	970	1250	4760
5	960	1000	960	960	960	950	940	960	950	(CA)	940	930	1010	920	1130	1850	940	910	910	910	940	910	920	920	990	1850
6	930	930	950	940	950	940	950	950	940	930	960	930	940	930	1270	3550	1270	920	920	920	930	940	940	920	1070	3550
7	930	930	940	940	940	940	940	930	920	920	920	2430	5490	6250	6190	4650	4150	2560	3390	840	900	900	2240	2240	2180	6250
8	920	920	930	970	940	940	930	1070	930	960	1010	960	960	960	960	940	940	940	940	920	960	940	940	950	950	1070
9	940	950	950	940	950	950	960	1010	960	940	950	940	940	930	1520	930	930	920	920	1060	930	940	1370	930	990	1520
10	940	930	950	930	940	930	950	930	930	920	930	930	940	910	930	1260	1440	940	940	940	1060	1190	960	950	1070	1260
11	940	930	940	930	920	930	940	930	920	920	(CA)	930	930	870	940	1870	1120	1060	1000	900	900	910	900	900	980	1870
12	910	900	910	920	920	920	920	920	920	910	910	920	1070	920	920	920	920	910	910	910	920	960	940	940	930	1070
13	940	940	960	950	950	930	940	940	950	940	950	1010	930	940	940	920	930	930	940	940	940	950	950	950	950	1010
14	970	970	970	970	970	970	1030	1040	1040	1040	1030	970	980	970	980	1050	970	970	980	990	960	990	990	990	990	1050
15	1030	980	1000	990	990	1060	1000	990	1060	1270	1000	1000	1050	1010	1000	980	990	980	1020	1000	1020	1020	1020	1020	1020	1270
16	1010	930	1010	1110	1000	1000	1000	1060	1030	1040	990	970	960	970	960	1010	950	950	960	970	960	970	970	970	990	1110
17	960	960	960	960	960	1030	960	950	940	(CA)	930	930	930	930	930	930	940	940	950	950	950	980	960	960	950	1030
18	950	950	950	960	980	1010	970	960	960	950	940	940	950	960	950	960	940	940	940	940	1040	960	940	940	960	1040
19	940	940	950	960	970	970	960	990	960	950	940	930	930	920	930	1120	920	920	920	1310	940	940	940	950	970	1310
20	940	940	930	940	940	940	940	930	940	960	1000	950	930	930	930	1120	1120	930	920	930	930	930	930	940	950	1120
21	940	940	950	950	940	950	950	940	950	940	940	930	920	920	920	920	930	930	930	930	950	960	970	950	940	970
22	950	950	950	950	970	950	960	950	1010	960	980	1020	970	950	1040	1090	990	970	940	950	990	960	960	940	970	1090
23	960	960	980	990	970	970	980	980	1170	1040	(PF)	(PF)	910	880	890	890	860	870	880	870	870	880	870	870	930	1170
24	880	890	900	890	890	890	890	900	900	880	880	860	860	920	870	2060	1630	930	920	930	940	940	940	940	980	2060
25	940	940	940	950	950	950	950	950	940	930	950	930	1320	1570	1070	1460	950	960	950	980	950	960	950	950	1020	1570
26	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	(CA)	950	940	940	1440	990	930	930	940	930	950	950	950	1000	1440
27	950	950	950	970	960	970	970	990	970	960	950	950	950	1370	950	960	950	950	960	950	950	950	950	970	980	1370
28	970	980	980	980	940	1000	990	990	980	980	970	1160	1300	2070	1170	970	970	960	980	1010	1030	1030	1030	1020	1060	2070
29	1020	1010	1010	1000	990	970	980	960	950	930	930	920	(CA)	1060	960	980	960	950	960	960	970	960	960	950	970	1060
30	960	970	960	1000	980	970	960	960	950	940	940	930	920	910	910	910	910	920	930	1070	950	940	940	940	950	1070
31	920	920	910	900	900	890	890	880	860	820	880	860	890	900	840	910	900	1030	950	940	950	970	960	950	930	1030
AV	950	950	960	960	960	960	960	960	970	960	950	1020	1130	1200	1240	1530	1420	1150	1050	960	950	960	1010	990	1050	( )
SD	33	20	28	38	27	36	30	38	50	71	37	365	816	956	1011	1192	1244	574	456	77	41	55	239	230	247	( )

OUTPT (VERSION N 28 JUL 76)

HYDROCARBONS (METHANE REDUCED)
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE
1	40	40	50	30	30	40	40	60	70	40	50	70	40	50	40	80	80	40	50	60	40	50	50	40	50
2	40	40	60	50	40	50	80	280	170	120	60	120	40	50	50	50	0	50	140	40	50	40	40	40	70
3	90	90	90	90	90	90	20	220	150	220	220	90	40	170	80	60	100	70	80	60	60	150	50	50	100
4	80	30	60	80	120	70	60	60	50	0	110	10	40	50	150	60	40	50	20	60	120	50	210	70	70
5	50	50	120	50	50	50	60	60	60	60	60	60	60	50	60	60	70	60	70	100	60	200	60	60	70
6	60	60	170	160	90	140	70	80	80	80	50	60	170	230	60	250	450	360	380	790	630	460	420	450	240
7	450	350	310	310	300	510	320	310	380	450	450	(CA)	900	250	110	70	30	20	50	10	50	80	10	50	140
8	20	70	60	30	100	280	20	80	20	20	50	70	70	30	30	40	30	90	0	90	70	60	40	40	60
9	80	50	90	110	80	130	50	60	80	150	(CA)	50	100	50	80	20	50	40	30	40	120	30	250	40	80
10	40	50	40	60	40	0	40	40	30	70	80	110	40	40	80	50	110	70	40	100	60	40	70	40	60
11	30	60	50	50	50	80	60	140	40	40	60	60	80	120	40	50	60	50	40	50	30	80	50	50	60
12	200	70	140	140	70	70	200	200	200	(CA)	(CA)	(CA)	(CA)	70	60	50	50	50	20	50	170	40	110	70	100
13	60	60	50	50	50	60	50	70	70	50	60	220	120	50	60	120	80	100	120	50	50	190	50	30	80
14	50	40	50	80	50	70	40	140	110	90	100	90	50	50	40	70	50	80	60	60	0	60	40	60	60
15	40	50	60	20	0	50	0	50	70	50	460	470	440	10	(CA)	600	710	320	50	40	50	100	50	60	160
16	30	40	50	60	120	40	50	50	160	350	160	60	60	70	90	70	60	60	60	110	50	60	50	50	80
17	50	60	80	60	90	100	60	80	80	90	70	80	80	70	60	60	80	60	40	120	60	60	50	50	70
18	90	90	50	50	70	60	60	90	100	70	110	(CA)	60	0	80	80	70	70	60	60	40	260	20	50	70
19	50	40	50	70	0	50	80	50	40	50	50	50	70	50	40	120	0	60	50	70	40	70	50	50	50
20	50	40	90	70	50	60	160	60	50	60	90	60	40	50	0	60	70	140	50	40	110	90	90	60	70
21	60	80	30	30	60	140	60	140	130	90	140	0	50	100	70	80	40	60	40	40	390	40	150	40	90
22	70	70	50	50	50	290	70	60	90	40	40	30	210	90	70	80	70	80	80	120	60	70	150	50	90
23	70	40	40	100	190	50	200	40	50	80	90	50	50	90	60	90	120	60	50	50	60	90	120	90	80
24	90	70	110	80	70	140	60	50	110	80	50	60	110	50	220	240	60	80	60	60	20	80	40	50	90
25	70	60	50	50	50	50	60	60	90	70	70	70	60	70	20	80	90	40	50	70	50	50	50	50	60
26	50	50	60	50	50	70	70	0	50	70	70	70	60	60	50	100	50	90	60	70	60	50	40	50	60
27	50	70	60	60	60	60	50	50	90	220	80	50	60	50	50	50	50	10	50	50	40	50	40	60	60
28	40	50	50	70	40	40	30	190	210	110	70	50	60	110	60	90	40	50	70	90	60	40	50	70	70
29	50	50	40	20	50	70	60	0	80	70	50	70	60	40	100	80	60	40	50	40	50	50	40	50	50
30	100	50	50	190	70	60	50	120	50	(CA)	60	120	500	0	40	100	60	40	40	30	20	30	70	40	80
31	50	20	30	30	50	50	100	60	130	70	40	40	40	60	0	50	50	30	0	30	40	30	120	30	50
AV	70	60	70	80	70	100	80	100	100	100	100	80	130	70	70	100	90	80	60	90	90	90	80	60	80
SD	60	60	55	53	57	55	97	63	74	69	92	100	84	179	53	42	104	135	75	64	132	120	86	80	72

OUTPT (VERSION N 28 JUL 76)

HYDROCARBONS (METHANE REDUCED)
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	30	20	50	30	30	50	40	90	50	50	60	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	40	90
2	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	120	60	70	0	10	40	10	0	0	0	0	0	30	120
3	10	0	50	0	0	0	20	180	130	30	0	40	30	30	400	0	0	20	0	0	0	0	0	0	40	400
4	0	0	0	0	0	0	0	100	40	10	30	10	0	40	0	10	0	20	0	0	0	0	40	50	10	100
5	0	0	0	0	0	0	20	40	40	20	30	0	0	0	0	0	40	20	10	10	0	10	0	0	10	40
6	0	0	10	0	10	150	240	160	60	50	90	60	0	20	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	60	240
7	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	520	210	160	40	30	40	40	30	40	30	110	520
8	40	40	30	30	130	30	80	120	100	50	(CA)	160	180	1570	180	50	40	40	40	0	0	0	0	0	130	1570
9	40	40	40	40	0	40	0	0	40	170	40	100	0	1080	930	2960	230	940	3750	360	0	0	0	0	450	3750
10	0	0	10	0	0	10	10	20	30	1120	1830	1950	4050	2540	0	0	0	0	190	1730	50	20	10	0	570	4050
11	0	50	10	10	10	20	0	20	20	210	100	10	0	10	60	60	0	0	0	0	0	0	0	10	30	210
12	0	170	70	0	0	0	10	0	20	20	0	0	0	0	0	0	10	0	0	0	0	20	0	0	10	170
13	0	0	0	50	50	20	60	20	10	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	10	60
14	0	90	30	10	20	0	30	0	40	10	10	0	10	20	30	40	10	10	0	0	0	30	0	0	20	90
15	10	0	10	0	10	10	0	70	10	50	10	40	0	50	70	70	20	20	10	70	30	20	0	20	30	70
16	20	30	30	30	20	30	30	50	60	50	0	60	70	50	40	170	50	40	60	40	40	20	30	160	50	170
17	70	40	60	30	50	40	60	40	40	60	(CA)	0	0	30	20	40	40	30	60	90	70	40	30	40	40	90
18	30	40	20	30	30	30	50	30	60	50	90	40	60	30	30	20	30	30	20	10	10	10	10	30	30	90
19	30	10	0	10	10	20	20	30	70	20	30	30	20	20	20	30	10	20	120	0	0	10	10	10	20	120
20	10	10	20	30	60	10	20	70	80	(CA)	80	20	20	1890	690	140	170	200	60	40	80	40	40	60	170	1890
21	40	20	30	40	20	20	20	20	30	30	390	370	1220	1990	1920	1730	600	220	280	30	0	30	60	40	380	1990
22	30	30	40	30	40	80	20	0	10	110	600	760	70	170	30	60	20	40	60	70	60	70	60	20	100	760
23	120	30	110	50	20	30	50	30	70	70	30	50	40	(CA)	10	30	20	160	40	110	20	50	80	20	50	160
24	50	20	10	30	10	20	20	30	50	30	30	20	40	30	30	10	30	30	30	0	30	30	20	40	30	50
25	40	40	40	40	30	20	30	50	40	40	40	40	40	170	170	0	40	20	200	30	40	40	40	40	50	200
26	40	0	40	50	40	40	70	0	50	40	100	50	(CA)	30	60	50	40	40	50	30	30	30	40	50	40	100
27	60	50	40	40	40	40	40	50	50	70	60	90	50	50	40	70	60	50	50	30	0	40	40	50	50	90
28	50	30	50	60	50	50	50	50	50	70	70	90	130	70	60	50	50	60	40	30	40	50	60	60	60	140
29	90	40	50	50	50	0	50	50	80	120	60	60	(CA)	0	1140	1470	690	570	700	1090	1100	1030	910	1040	450	1470
30	940	690	830	570	580	420	210	420	440	930	990	1160	1890	2090	380	1890	1900	580	700	1230	1660	1530	790	760	980	2090
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	60	50	60	50	50	40	40	60	60	130	180	190	310	450	250	330	150	110	230	180	120	110	80	90	130	( )
SD	171	127	150	103	106	79	55	82	77	259	394	430	861	766	435	715	374	204	700	421	359	301	215	230	214	( )

OUTPT (VERSION N 28 JUL 76)

HYDROCARBONS (METHANE REDUCED)
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	REA
1	810	1220	1550	1080	750	690	1010	1350	750	1590	1270	840	1240	1520	1500	1550	1680	1840	1030	2070	1950	1510	1190	760	1320	2070
2	760	780	1460	1240	1190	930	1240	920	620	(CA)	0	40	40	40	0	0	0	0	560	50	40	50	30	130	440	1460
3	30	40	30	50	40	20	80	30	40	80	0	60	80	100	40	40	30	50	50	10	40	30	30	30	40	100
4	0	20	50	30	20	30	30	50	80	60	50	70	50	0	170	140	850	450	230	60	50	50	130	50	110	850
5	50	30	40	40	40	60	60	90	110	(CA)	80	70	50	80	0	950	250	50	50	60	60	60	40	50	100	950
6	40	40	40	80	60	50	50	50	60	50	40	50	300	70	1460	1710	0	70	30	30	40	120	20	50	190	1710
7	40	80	50	20	50	20	20	30	50	30	30	0	380	0	0	2040	1220	840	2600	130	150	60	0	0	320	2600
8	160	50	100	10	30	20	20	0	70	20	0	20	0	0	0	10	40	0	20	30	10	20	50	10	30	160
9	80	10	10	60	10	20	60	100	80	20	60	10	20	30	1300	70	80	20	100	0	20	20	630	20	120	1300
10	20	30	50	50	20	20	10	30	20	20	20	30	50	40	30	0	1790	160	40	40	30	0	10	10	100	1790
11	60	40	30	40	40	50	20	30	30	60	(CA)	0	0	60	0	1000	0	100	0	50	60	20	40	50	80	1000
12	40	30	80	60	80	20	50	90	60	90	40	30	40	0	190	50	20	70	40	30	70	50	60	30	60	190
13	20	70	40	70	20	30	60	40	40	40	80	0	30	20	30	270	20	20	40	20	20	60	80	20	50	270
14	30	30	30	30	30	30	0	0	0	0	0	40	20	40	10	0	0	0	0	20	0	0	0	20	10	40
15	0	20	0	0	0	0	0	20	60	0	0	0	20	10	0	0	0	70	0	0	50	0	0	0	10	70
16	0	70	0	0	0	0	0	20	40	0	0	0	0	0	0	0	0	0	0	0	0	0	50	30	10	70
17	0	0	10	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	60	0	0	10	0	60
18	0	0	10	0	20	10	190	30	0	30	0	0	0	0	0	0	0	0	10	40	0	20	0	10	20	190
19	0	30	0	0	0	0	60	50	30	10	0	0	30	20	0	0	20	110	60	0	30	20	10	0	20	110
20	0	40	60	10	90	10	10	20	60	70	0	0	40	40	40	220	0	10	120	20	20	120	80	70	50	220
21	10	20	10	10	20	20	90	60	20	20	20	40	30	30	70	30	30	30	30	30	30	80	70	40	30	90
22	20	30	50	60	20	20	30	30	150	80	40	30	80	50	0	0	40	40	30	20	0	20	50	60	40	150
23	30	30	50	30	20	30	30	160	0	90	(PF)	(PF)	220	110	110	120	50	40	50	40	40	40	60	100	70	220
24	30	30	30	30	30	150	30	50	50	60	30	50	40	40	0	30	1930	210	90	70	40	40	70	40	130	1930
25	70	30	40	100	110	180	20	30	100	40	40	30	0	3960	0	1460	60	150	40	20	60	110	80	120	300	3960
26	0	0	0	0	0	0	0	40	100	40	160	(CA)	30	50	50	1950	50	90	100	60	130	20	80	10	130	1950
27	60	20	30	30	20	20	0	50	70	30	40	20	40	0	40	20	50	10	10	0	60	90	10	0	30	90
28	0	10	0	20	10	20	0	10	40	10	70	30	1510	600	1150	20	0	10	0	10	120	40	0	0	160	1510
29	30	20	10	10	30	190	10	30	40	40	30	70	(CA)	140	0	0	0	0	0	80	0	0	0	0	30	190
30	0	10	110	10	50	140	40	20	60	60	30	30	60	20	20	10	10	0	20	0	0	0	10	0	30	140
31	40	20	30	30	10	20	50	50	30	80	60	30	70	60	60	10	10	60	0	10	230	20	150	20	50	230
AV	80	90	130	100	90	90	110	110	90	100	80	60	150	240	200	390	270	150	200	100	110	90	100	60	130	I 1
SD	169	246	363	280	239	198	272	276	160	289	228	157	341	740	448	674	564	350	549	361	339	262	228	135	258	I 1

OUTPT (VERSION N 28 JUL 76)

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
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* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	DATE
1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.4	.1	.1	.1	.1	.1	.2	.1	.4
2	.1	.1	.2	.2	.1	.2	.1	.1	.1	.1	.1	.1	.5	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.5
3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	.1	.1	.3	.1	.1	.1	.1	.1	.1	.1	.1	.5
4	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
5	.3	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.2	.1	.1	.1	.1	.3
6	.1	.1	.3	.2	.1	.1	.1	.1	.1	.1	.1	.3	.2	.2	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.3
7	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	(CA)	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
8	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
9	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	(CA)	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
10	.1	.1	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.3
11	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.3	.2	.2	.1	.1	.1	.3
12	.1	.1	.1	.1	.1	.1	.1	.1	.1	(CA)	(CA)	(CA)	(CA)	.1	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3
13	.1	.1	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.2	.1	.1	.1	.1	.2
14	.1	.3	.0	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.0	.2	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	.3
15	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	(CA)	.1	.2	.1	.1	.1	.1	.2	.1	.1	.1	.2
16	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.2
17	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
18	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	(CA)	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
19	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
20	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.2
21	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.2	.1	.2
22	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
23	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
24	.1	.1	.3	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.2	.1	.3	.2	.1	.1	.1	.1	.1	.3
25	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3
26	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.2
27	.1	.1	.2	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
28	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	.1	.2	.1	.1	.3	.1	.3	.2	.1	.2	.1	.3
29	.2	.2	.1	.1	.2	.1	.3	.1	.1	.1	.1	.1	.1	.2	.1	.1	.2	.1	.1	.1	.2	.1	.2	.1	.1	.3
30	.1	.1	.1	.1	.3	.1	.1	.1	.1	(CA)	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3
31	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2
AV	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	( )
SD	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	( )

OUTPT (VERSION N 28 JUL 76)

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	DAY
1	.1	.1	.1	.1	.1	.1	.1	.3	.1	.1	.1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.1	.3
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.1	.1	.1	.1	.0	.0	.0	.2	.1	.0	.0	.0	.1	.2
3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	.1	.1	.1	.3
4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
5	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.3
6	.1	.1	.0	.1	.1	.0	.2	.0	.0	.0	.0	.0	.1	.2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.1	.2
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.2	.1	.1	.1	.1	.0	.0	.1	.1	.0	.1	.2
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[CA]	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
9	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.2
10	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.3	.3	.3	.5	.4	.7	.2	.1	.1	.1	.1	.2	.2	.7
11	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
12	.1	.2	.1	.1	.1	.1	.2	.1	.2	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.2
13	.1	.1	.1	.1	.2	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.4	.1	.1	.2	.1	.4
14	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
15	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.2	.1	.2	.2	.2	.2	.1	.1	.1	.2
16	.1	.2	.1	.5	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.5	.2	.2	.2	.2	.1	.2	.1	.2	.5
17	.5	.1	.5	.1	.1	.1	.1	.1	.3	.1	[CA]	.3	.1	.3	.2	.1	.1	.1	.1	.2	.2	.1	.4	.1	.2	.5
18	.1	.1	.4	.6	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.6
19	.2	.3	.1	.1	.1	.1	.1	.1	.1	.1	.4	.2	.1	.1	.1	.2	.1	.1	.2	.1	.1	.2	.2	.3	.2	.4
20	.6	.1	.1	.1	.1	.1	.2	.1	.1	[CA]	.2	.2	.2	.2	.2	.3	.2	.2	.1	.1	.1	.1	.1	.2	.2	.6
21	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.3
22	.1	.1	.4	.1	.4	.2	.1	.1	.1	.5	.1	.1	.1	.1	.1	.1	.1	.1	.4	.1	.1	.1	.1	.1	.2	.5
23	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	[CA]	.1	.1	.1	.7	.1	.1	.1	.1	.1	.1	.1	.7
24	.1	.1	.1	.3	.2	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.5
25	.1	.1	.1	.4	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.4
26	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	[CA]	.1	.1	.1	.1	.1	.3	.1	.1	.1	.1	.2	.1	.3
27	.1	.1	.1	.1	.1	.2	.1	.1	.3	.1	.1	.1	.1	.1	.1	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.4
28	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.4	.1	.1	.1	.5	.1	.7	.1	.1	.1	.3	.1	.2	.1	.2	.7
29	.1	.1	.1	.1	.1	.4	.1	.1	.1	.1	.1	.1	[CA]	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.4
30	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	.1	.2	.2	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.3
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	[ ]
SD	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.0	.1	.1	.1	.1	.0	[ ]

OUTPT [VERSION N 28 JUL 76]

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****

SUBJECT TO REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	DAY
1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
2	.3	.1	.1	.1	.1	.1	.3	.8	.3	[CA]	.1	.1	.1	.1	.2	.2	.2	.1	.1	.1	.4	.1	.1	.3	.2	.8
3	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.3	.1	.1	.1	.1	.1	.1	.1	.7	.1	.4	.1	.3	.1	.2	.7
4	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
5	.3	.1	.0	.4	.1	.1	.1	.1	.1	[CA]	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	.1	.1	.6	.1	.6
6	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
7	.1	.1	.7	.3	.1	.1	.1	.1	.3	.1	.1	.2	.1	.3	1.3	.1	.1	.1	.1	.1	.2	.1	1.2	.6	.3	1.3
8	.1	.1	.1	.3	.1	.1	.1	.1	.1	.8	.1	.1	.1	.1	.3	.2	.1	.1	.1	.1	.1	.8	.1	.1	.2	.8
9	.2	.1	.1	.1	.1	1.3	.1	.1	.1	.1	.5	.1	.1	.1	.1	.1	.4	.1	.1	.1	.1	.1	1.3	.1	.2	1.3
10	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.1	.2	.2	.1	.2	.1	.1	.1	.1	.2	1.1
11	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	[CA]	.1	.1	.1	.1	.2	.1	.1	.2	.1	.1	.1	.1	.1	.1	.2
12	.1	.1	.1	.1	.1	.1	.2	.1	.1	.2	.1	.1	.1	.1	.2	.1	.2	.1	.1	.2	.1	.2	.9	.2	.2	.9
13	.1	.1	.1	.1	.1	.1	.2	.1	.4	.1	.1	.1	.1	.3	.1	.1	.1	.1	.1	.1	.1	.2	.4	.2	.1	.4
14	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	.2	.2	.2	.2	.6	.2	.2	.2	.6
15	.1	.2	.1	.1	.2	.3	.1	.2	.2	.2	.1	.2	.5	.2	.3	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.5
16	.4	.2	.2	.3	.2	.2	1.0	.7	.2	.1	.1	.2	.2	.1	.2	.1	.2	.2	.2	.1	.2	.1	.1	.1	.2	1.0
17	.1	.1	.1	.2	.1	.1	.1	.1	.1	[CA]	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2
18	.1	.1	.1	.1	.1	.9	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.3	.1	.1	.1	.8	.1	.1	.1	.2	.9
19	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	.1	.1	.1	.1	.1	.1	.1	.3
20	.1	.1	.1	.1	.1	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.4
21	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.2	.7	.1	.1	.1	.1	.1	.1	.7	.2	.7
22	.1	.1	.1	.1	.1	.1	.1	.3	.1	.4	.1	.2	1.1	.1	.8	.1	.5	.3	.2	.1	.1	.1	.1	.1	.2	1.1
23	.3	.1	.1	.1	.1	.2	.1	.1	.1	.2	[PF]	[PF]	.6	.1	.1	.1	.1	.2	.3	.2	.1	.4	.1	.1	.2	.6
24	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2
25	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.2
26	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.3	[CA]	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3
27	.1	.1	.1	.1	.1	.1	.1	.1	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.3	.1	.1	.3
28	.1	.1	.1	.1	.1	.1	.1	.1	.1	.4	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	1.1	.1	.0	.2	1.1
29	.2	.0	.0	.0	.6	.0	.0	.1	.0	.6	.2	.4	[CA]	.2	.3	.3	.2	.2	.2	.1	.2	.1	.1	.2	.2	.6
30	.1	.1	.1	.1	.1	.1	.1	.1	.3	.1	.0	.0	.1	.4	.1	.1	.1	.1	.1	.1	.6	.1	.1	.1	.1	.6
31	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.3	.2	.4	.3	.4	.2	.2	.2	.4
AV	.1	.1	.1	.1	.1	.2	.1	.2	.1	.2	.1	.1	.2	.1	.2	.2	.2	.1	.1	.1	.2	.2	.2	.2	.2	[ ]
SD	.1	.0	.1	.1	.1	.3	.2	.2	.1	.2	.1	.1	.2	.1	.2	.2	.1	.1	.1	.1	.2	.2	.3	.2	.0	[ ]

OUTPT [VERSION N 28 JUL 76]

OXIDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	10	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
7	0	0	0	0	0	0	0	0	10	10	(CA)	(CA)	30	30	30	40	30	30	20	20	40	20	20	20	20	40
8	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	10	20	20	20	20	20
9	20	20	20	20	20	20	20	20	20	20	(CA)	10	20	20	20	20	20	30	20	20	20	20	20	20	20	30
10	20	20	20	10	10	10	10	20	20	20	20	20	20	20	20	20	20	30	20	20	20	10	10	10	20	30
11	10	10	10	10	10	10	10	10	10	10	10	20	20	10	10	10	20	10	10	10	10	10	10	10	10	20
12	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	0	10	10	0	10	0	10	0	0	10
13	0	0	0	0	0	0	0	0	0	0	0	(MT)	(MT)	30	20	20	20	20	20	20	20	20	20	10	10	30
14	10	10	10	10	10	10	10	10	10	10	10	10	10	20	10	10	10	10	10	10	10	10	10	10	10	20
15	10	10	10	10	10	10	10	10	10	10	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	10	10
16	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(CA)	(CA)	(CA)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
17	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
18	10	10	10	10	10	10	10	10	10	10	(CA)	10	30	10	20	10	10	10	10	10	10	10	10	10	10	30
19	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
21	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
22	10	10	10	10	10	10	10	10	20	20	10	10	20	10	10	10	10	10	10	10	10	10	10	10	10	20
23	10	10	10	10	10	10	10	10	10	10	20	10	20	20	10	20	10	10	10	10	10	20	10	20	10	20
24	20	10	20	20	20	20	20	20	20	20	20	20	20	10	(CA)	20	20	20	20	10	20	10	20	20	20	20
25	10	10	10	10	10	10	10	10	20	20	20	20	20	20	20	20	20	20	20	20	20	10	10	10	20	20
26	10	10	10	10	10	10	10	10	10	10	10	20	20	20	20	20	20	20	20	20	20	10	10	10	10	20
27	10	10	10	10	10	10	10	10	20	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
28	20	20	20	10	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	10	10	10	10	20	20
29	10	10	10	10	10	10	20	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
30	20	20	20	20	20	20	20	20	20	(CA)	20	(CA)	(CA)	10	20	20	20	20	20	20	20	20	20	20	20	20
31	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	10	10	10	10	10	10	10	20	20
AV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	[ ]
SD	7	7	7	7	7	7	7	7	8	7	8	8	9	9	8	8	9	9	7	8	8	7	7	7	6	[ ]

OUTPT (VERSION N 28 JUL 76)

OXIDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PAK
1	10	10	10	10	10	10	10	10	20	20	20	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	10	20
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	20	20	20	20	20	10	10	10	10	10	10	10	10	20
3	10	10	10	10	10	10	10	20	20	10	10	10	20	20	10	10	10	10	10	10	10	10	10	0	10	20
4	0	0	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
5	10	10	10	10	10	10	10	10	10	10	[CA]	10	10	10	10	10	10	10	10	10	10	0	0	0	10	10
6	0	10	10	0	0	10	10	10	10	10	10	10	10	10	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	10	10
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	20	20	20	20	20	20	20	20	10	10	20	20
8	10	10	10	10	10	10	10	20	10	[CA]	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
9	10	10	10	10	10	10	10	10	10	10	20	20	20	20	20	10	20	20	10	20	10	10	10	10	10	20
10	10	10	10	10	10	10	10	10	20	20	20	20	20	20	10	20	50	20	20	20	10	10	10	10	20	50
11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	10	10	10	10	10	10	10	20
12	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	20	20	10	10	10	20	10	10	10	10	20
13	10	10	10	10	20	10	10	10	10	10	20	20	20	20	20	20	10	10	10	10	10	10	10	10	10	20
14	10	10	10	10	10	10	10	10	10	10	[CA]	10	20	10	10	20	10	10	10	10	10	10	10	10	10	20
15	10	10	10	10	10	10	10	10	10	10	10	10	20	10	20	20	20	10	10	10	20	10	10	10	10	20
16	10	10	10	10	10	10	10	10	10	20	10	10	20	10	20	50	10	20	20	20	20	10	10	50	20	50
17	40	10	10	10	10	10	10	10	10	20	[CA]	20	10	10	20	20	10	10	10	10	10	10	20	10	10	40
18	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	20	20	10	20	10	20
19	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	20	20	10	20	20	10	20	10	10	10	20
20	10	10	10	10	10	10	10	10	10	10	10	10	20	20	20	10	10	10	20	20	20	20	10	10	10	20
21	20	10	10	10	10	10	10	10	10	10	10	20	20	20	20	20	20	10	20	20	20	20	10	20	20	20
22	20	10	20	10	20	10	10	10	20	20	20	20	30	30	20	20	20	20	20	20	20	20	20	20	20	30
23	20	20	20	20	20	20	20	20	20	20	20	20	20	10	10	20	20	20	20	20	20	20	20	20	20	20
24	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	30	20	20	20	20	20	20	30
25	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
26	20	20	20	20	20	20	20	20	20	20	20	20	[CA]	20	20	20	20	20	20	20	20	20	20	20	20	20
27	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
28	20	20	10	10	10	10	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	10	20	20
29	10	10	10	10	10	10	10	10	20	10	20	[CA]	20	20	20	20	20	20	20	20	20	20	20	20	20	20
30	20	20	20	20	20	20	20	20	20	20	20	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	20	20
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	10	10	10	10	10	10	10	10	10	10	20	20	20	20	20	20	20	20	20	20	20	10	10	10	10	[ ]
SD	8	5	4	5	5	5	4	5	5	5	5	5	5	5	5	5	5	5	6	5	5	6	5	9	4	[ ]

OUTPT [VERSION N 28 JUL 76]

OXIDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	( )	( )
2	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	20	20	20	30	20	20	20	20	20	20	20	20	20	20	20	30
3	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	30	30	20	20	20	20	20	30
4	20	20	20	20	10	20	20	20	20	20	20	20	20	20	20	20	30	20	20	20	20	20	20	20	20	30
5	20	20	20	20	20	20	10	20	20	20	20	20	30	20	30	30	20	20	20	30	20	20	20	20	20	30
6	20	20	20	20	10	10	20	20	20	20	20	20	20	20	20	20	10	20	30	30	20	20	20	20	20	30
7	20	10	20	20	20	20	20	20	20	20	20	30	20	30	30	20	30	20	30	30	20	20	20	20	20	30
8	20	20	20	20	20	20	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
9	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
10	20	20	20	20	20	10	10	20	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
11	20	20	20	20	20	20	20	20	20	[CA]	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
12	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	10	20	20	20	20	20
13	20	20	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
14	20	20	20	20	20	20	20	20	20	[CA]	20	20	20	20	20	20	20	20	20	20	10	10	20	20	20	20
15	20	10	10	10	10	20	10	10	20	20	20	20	20	20	10	20	20	20	20	20	20	20	10	20	20	20
16	10	10	10	10	10	10	10	10	10	20	20	20	20	20	20	20	20	20	20	20	10	20	10	20	20	20
17	20	10	20	20	20	20	20	20	[CA]	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
18	20	20	20	20	20	20	20	20	20	20	20	20	20	30	30	30	30	30	20	20	20	20	20	30	20	30
19	20	20	20	20	20	30	30	20	30	30	20	30	30	30	30	30	20	20	20	20	20	20	20	20	20	30
20	20	20	20	20	20	20	20	20	30	30	[CA]	30	20	20	20	20	20	20	20	20	20	20	20	20	20	30
21	20	10	10	10	10	10	10	10	20	20	20	20	20	20	20	20	20	20	20	20	10	20	10	10	10	20
22	10	10	10	10	10	10	10	20	10	20	20	20	10	20	20	20	20	20	20	20	10	20	20	20	20	20
23	20	20	10	20	20	10	10	20	20	20	[PF]	[PF]	[CA]	20	30	20	30	30	20	20	30	20	20	20	20	30
24	20	20	20	20	20	20	20	20	20	20	20	30	20	20	20	30	20	20	20	20	20	20	20	20	20	30
25	20	20	20	20	20	20	20	20	20	20	20	20	20	30	20	20	20	20	20	20	20	20	20	20	20	30
26	20	20	20	20	20	20	20	20	20	20	[CA]	20	20	20	20	20	20	20	20	20	20	10	20	10	20	20
27	10	20	10	10	10	10	20	30	20	20	20	20	20	20	20	20	30	20	20	20	20	20	10	20	20	30
28	10	10	10	10	10	10	10	10	20	20	20	20	30	20	20	30	20	20	20	20	20	20	10	10	20	30
29	10	10	20	10	20	20	20	20	20	20	30	30	[CA]	20	20	20	20	20	20	10	10	20	20	20	20	30
30	20	20	20	20	10	10	10	20	20	20	20	20	20	20	20	20	20	10	20	20	20	20	20	20	20	20
31	20	20	20	20	20	20	20	20	30	20	30	30	30	30	20	30	30	30	30	30	30	30	20	30	30	30
AV	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20 ( )	
30	4	4	4	4	5	5	5	4	5	5	3	4	4	4	4	4	5	4	3	5	4	4	4	4	2 ( )	

OUTPT (VERSION N 28 JUL 76)

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 19/SEP/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PCT
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	10	10	10	10	10	10	10	10	0	0	0	0	0	10
8	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	10	10	0	0	0	0	0	0	0	0	10
9	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	10	10	10	10	20	10	10	0	10	0	0	0	20
10	0	0	0	0	0	0	0	0	0	0	0	10	10	20	20	20	20	20	20	10	10	10	10	0	10	20
11	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	0	0	0	0	0	0	10
12	0	0	0	0	0	0	0	0	0	0	10	0	0	10	10	10	10	10	10	10	0	0	0	0	0	10
13	0	0	0	0	0	0	0	0	0	0	0	[MT]	[MT]	10	10	10	10	10	0	0	0	0	0	0	0	10
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	0
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	[CA]	0	10	0	0	0	0	0	0	0	0	0	0	0	0	10
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	[CA]	0	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 ( )	
SD	0	0	0	0	0	0	0	2	0	2	3	3	3	5	5	5	5	6	5	3	2	2	2	0	2 ( )	

OUTPT (VERSION N 28 JUL 76)

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	DEAX
1	0	0	0	0	0	0	0	0	0	0	0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	0
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	0
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	10
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	10
17	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	10	0	0	0	0	0	10
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	10
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	10
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	10	[CA]	0	0	0	0	0	0	10	10	0	0	0	0	10
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	10
29	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	10	0	0	0	0	10
30	0	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	0	0	0	0	2	0	0	0	3	0	2	2	2	2	3	0	3	3	0	0	0	0	[ ]

OUTPT [VERSION N 28 JUL 76]

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	DAYS
1	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[ ]	[ ]
2	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	10	0	0	0	0	10
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	10
6	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	10	0	0	0	0	0	0	0	10
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	10
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	[PF]	[PF]	[CA]	0	0	0	0	10	0	0	0	0	0	0	0	10
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	10
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	
50	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	2	0	5	0	0	2	0	0	0	0 [ ]	

OUTPT [VERSION N 28 JUL 76]

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	DATE
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	10	[CA]	[CA]	20	20	10	10	10	20	10	10	20	20	20	20	10	20
8	20	20	20	20	20	10	20	20	10	20	20	20	20	10	10	10	10	10	10	10	0	10	10	10	10	20
9	10	20	10	20	10	10	10	10	10	10	[CA]	10	10	0	10	0	0	0	0	10	10	10	20	10	10	20
10	10	10	20	10	10	10	10	10	20	10	10	10	10	0	0	0	0	0	0	0	10	0	0	10	10	20
11	10	10	10	10	10	10	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	10
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	10
13	0	0	0	0	0	0	0	0	0	0	0	[RT]	[RT]	20	20	20	10	10	10	10	10	10	10	10	10	20
14	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
15	10	10	10	10	10	10	0	0	0	10	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	10	10
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[CA]	[CA]	[CA]	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10
17	0	10	0	10	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10	10	0	10	10
18	10	10	0	0	0	0	0	0	10	10	[CA]	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
19	10	0	0	10	10	0	10	10	0	10	10	10	10	10	10	10	10	10	10	10	0	10	10	10	10	10
20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
21	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
22	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
23	10	10	0	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
24	20	10	10	10	10	10	10	10	10	10	10	10	10	10	[CA]	10	10	10	10	10	10	10	10	10	10	20
25	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	10	10	10	10	10	10	10	10	10	20
26	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
27	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	20	20	20	10	20	10	10	10	10	10	20
28	10	10	10	10	10	10	10	20	10	20	20	20	10	20	10	20	10	20	10	10	10	10	10	10	10	20
29	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	10	10	20
30	10	10	10	10	10	10	10	10	10	[CA]	20	[CA]	[CA]	10	10	10	10	10	10	10	10	10	10	10	10	20
31	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
AV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10 [ ]	
SD	6	6	6	6	5	5	6	6	5	6	6	6	6	7	6	7	5	6	5	5	5	5	6	5	4 [ ]	

OUTPT [VERSION N 28 JUL 76]

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
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* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	DEA
1	10	10	10	10	10	10	10	10	10	10	10	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	10	10
2	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	20	20	20	10	20	10	10	10	10	10	10	10	10	20
3	10	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10
4	0	0	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0	10	10	10	10
5	0	0	10	10	10	10	0	10	10	10	(CA)	10	10	10	10	10	10	0	10	10	10	0	0	0	10	10
6	0	10	10	0	0	10	10	10	10	0	10	10	10	10	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	10	10
7	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	20	20	10	10	10	10	10	10	10	10	10	20
8	10	10	10	10	10	0	0	10	10	(CA)	10	10	20	10	10	10	20	20	10	20	20	20	10	10	10	20
9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10	10	10	10	10	0	0	10	10
10	10	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0	10	10
11	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10
12	0	0	10	0	0	0	0	0	10	10	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10	10
13	10	0	0	0	10	10	10	10	0	10	10	10	10	10	10	10	10	10	0	0	10	0	0	0	10	10
14	0	0	0	0	0	0	0	0	0	10	(CA)	10	10	10	10	10	10	10	10	10	0	10	0	0	0	10
15	0	0	0	0	0	10	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
16	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	10	10	10	10	10	10	10	50	10	50
17	50	10	10	10	10	10	10	10	10	10	(CA)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	50
18	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
19	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
20	10	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
21	10	10	10	0	0	0	0	10	10	10	10	10	10	20	10	20	10	10	10	10	10	10	10	10	10	20
22	10	10	10	10	10	10	10	10	20	20	20	20	20	20	20	20	20	20	20	10	20	20	20	20	20	20
23	20	20	20	20	20	20	20	10	10	20	10	20	20	10	10	10	10	10	10	10	10	10	10	10	10	20
24	10	10	10	10	10	10	10	10	10	20	10	10	10	20	10	20	10	20	20	10	10	10	10	10	10	20
25	10	10	10	10	10	10	10	10	20	10	10	10	10	10	20	10	20	20	10	10	10	10	10	10	10	20
26	10	10	10	10	10	10	10	10	10	10	10	10	(CA)	20	10	10	10	20	20	10	10	10	10	20	10	20
27	20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20
28	10	10	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10
29	10	10	10	0	10	10	10	10	10	10	10	(CA)	20	10	10	10	10	10	10	10	10	10	20	10	10	20
30	10	10	20	10	10	10	10	10	10	10	20	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	10	20
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	[ ]
SD	7	5	6	5	5	5	5	5	4	4	3	3	4	4	4	5	4	5	4	3	4	4	5	10	5	( )

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	DLAK
1	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[ ]	[ ]
2	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	10	10	20	20	10	20	10	10	20	10	20	10	10	20	10	20
3	10	10	10	10	10	10	20	10	10	10	10	20	10	20	10	10	10	20	20	20	10	10	10	10	10	20
4	10	10	10	20	10	10	10	10	10	10	20	20	10	20	10	10	20	10	20	10	20	20	10	10	10	20
5	20	10	10	10	10	10	10	10	10	10	10	10	20	20	30	20	10	10	20	20	20	10	10	10	10	30
6	20	20	20	10	10	10	10	10	20	20	10	20	10	10	20	10	0	10	20	20	20	20	20	10	10	20
7	10	10	10	10	20	20	20	20	20	20	20	20	20	20	20	20	20	10	20	20	20	10	10	20	20	20
8	10	20	10	10	10	10	10	10	10	10	10	20	10	10	20	20	20	10	10	10	20	10	10	20	10	20
9	10	10	10	20	10	10	10	20	20	20	20	20	20	10	10	10	20	20	20	10	20	20	10	10	20	20
10	10	10	20	10	10	10	0	10	0	20	10	10	20	20	10	20	10	20	20	20	20	20	10	10	10	20
11	20	20	20	10	20	20	20	20	10	[CA]	20	20	10	20	20	20	20	20	10	20	10	20	10	20	20	20
12	20	10	20	20	20	20	10	20	10	10	10	20	10	10	10	10	20	10	20	20	10	20	10	10	10	20
13	10	10	0	10	10	10	10	10	20	10	20	10	20	10	10	10	10	20	20	20	20	20	20	20	10	20
14	10	10	10	10	10	10	10	10	10	[CA]	10	20	20	10	20	20	20	10	20	10	10	10	10	10	10	20
15	10	10	10	10	10	10	10	10	10	20	20	20	20	10	10	10	10	20	10	10	10	20	10	10	10	20
16	0	10	10	10	10	10	10	10	10	10	20	20	10	20	20	10	20	20	10	10	10	10	10	10	10	20
17	10	0	10	10	20	10	20	20	[CA]	10	10	10	10	10	10	20	10	10	10	20	20	10	10	20	10	20
18	20	10	10	10	10	10	10	10	10	20	20	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20
19	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	10	10	20	20	20
20	10	20	20	10	20	20	20	20	20	20	[CA]	20	20	20	20	20	20	10	20	20	10	10	20	10	20	20
21	10	0	0	0	10	10	10	10	10	10	20	10	20	10	20	10	10	10	10	10	10	0	10	10	10	20
22	10	10	10	10	10	10	10	10	10	20	20	20	0	20	10	10	20	20	20	10	10	10	10	10	10	20
23	10	10	10	10	10	10	10	10	10	10	[PF]	[PF]	[CA]	20	20	20	20	20	20	20	20	10	10	20	10	20
24	20	20	20	20	20	10	20	20	10	20	20	30	20	20	20	20	20	20	10	10	10	10	10	20	20	30
25	20	20	20	10	10	10	20	10	10	20	20	20	10	20	10	20	10	10	10	20	20	20	20	10	20	20
26	10	10	10	10	10	10	10	10	10	10	[CA]	10	20	20	20	20	20	10	10	10	10	0	10	10	10	20
27	0	10	10	0	10	10	10	20	20	20	20	20	20	10	20	20	20	10	10	20	20	20	10	10	10	20
28	10	10	10	10	10	0	0	10	20	10	20	20	20	20	10	20	10	20	10	10	10	10	10	10	10	20
29	10	10	10	10	10	10	10	10	20	10	20	20	[CA]	10	10	10	10	10	10	10	10	10	10	10	10	20
30	10	10	10	10	10	10	0	10	10	20	20	10	20	20	10	10	10	10	10	10	20	10	20	20	10	20
31	20	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	30	20	20	20	20	30
AV	10	10	10	10	10	10	10	10	10	20	20	20	20	20	20	20	20	10	20	20	20	10	10	10	10	[ ]
SD	6	5	6	5	4	5	6	5	5	5	5	5	6	5	6	5	6	5	5	5	6	6	4	5	3	[ ]

OUTPT [VERSION N 28 JUL 76]

OZONE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PAK
1	50	50	40	40	40	40	40	50	60	70	80	80	80	60	80	80	60	80	80	60	50	50	50	50	60	80
2	50	50	50	40	40	30	30	30	50	60	70	80	80	80	80	80	80	80	80	60	50	50	50	50	60	80
3	40	30	30	30	30	30	20	30	40	50	50	60	60	80	80	90	90	90	90	80	70	80	80	30	60	90
4	80	80	70	70	70	70	80	80	80	60	80	80	80	80	80	80	80	80	80	80	70	70	70	60	80	80
5	60	50	40	40	40	30	30	40	50	60	70	70	70	70	80	80	80	80	70	70	60	70	70	70	60	80
6	70	70	70	70	60	50	50	50	50	60	60	60	90	80	70	70	70	70	70	70	60	60	50	50	60	90
7	40	40	30	20	20	20	20	20	40	70	[CA]	[CA]	80	80	90	90	90	90	80	70	60	50	40	30	50	90
8	30	30	50	60	60	50	60	60	70	70	80	70	80	90	90	80	80	80	70	60	60	50	50	40	60	90
9	40	40	50	50	40	30	30	30	50	60	[CA]	70	80	90	90	90	90	90	80	80	80	90	80	80	70	90
10	60	50	40	40	30	20	20	30	50	60	60	70	90	90	90	90	100	100	90	80	60	50	50	50	60	100
11	40	40	40	40	40	30	40	50	60	70	80	90	90	90	100	90	100	110	110	120	120	130	120	110	80	130
12	90	70	60	60	50	50	50	60	90	100	90	100	100	110	110	110	110	110	110	100	80	70	60	60	80	110
13	60	60	50	50	50	40	50	50	80	90	100	100	90	90	90	90	50	50	90	70	60	50	50	50	70	100
14	40	40	40	30	30	30	30	40	60	70	80	80	80	80	80	80	70	70	70	70	60	60	60	60	60	80
15	60	60	70	60	50	50	50	60	60	60	60	70	70	[CA]	80	90	90	80	80	80	80	70	70	70	70	90
16	70	60	60	60	50	50	60	60	60	70	70	80	90	90	90	90	90	90	90	80	60	50	50	50	70	90
17	50	50	40	40	30	30	30	40	60	80	90	90	90	90	100	100	100	100	90	80	80	80	80	60	70	100
18	60	60	50	50	40	40	40	50	60	70	[CA]	90	90	90	90	100	100	100	100	100	100	90	80	70	70	100
19	70	70	70	80	80	60	50	60	80	90	90	90	90	90	90	90	90	90	80	80	90	90	80	70	60	90
20	70	60	60	60	50	50	50	60	70	70	80	90	90	80	90	90	90	90	90	80	60	50	50	50	70	90
21	60	50	40	40	40	30	40	50	60	70	90	80	70	70	70	70	80	80	60	60	60	60	70	60	60	90
22	60	40	40	30	30	20	30	30	40	50	60	70	80	60	90	80	80	90	80	80	60	50	50	60	60	90
23	50	50	40	50	50	40	40	40	50	60	80	80	90	90	90	90	90	90	80	80	70	60	60	60	70	90
24	50	50	50	50	60	60	50	60	70	80	90	100	90	90	[CA]	100	100	90	80	60	50	50	60	50	70	100
25	50	50	40	30	40	40	40	40	60	70	90	100	100	100	100	100	90	100	100	90	80	70	60	50	70	100
26	50	50	40	40	40	40	40	50	70	90	100	100	100	110	110	110	110	110	110	100	70	60	60	60	80	110
27	50	50	50	40	40	40	40	50	70	90	90	90	90	90	90	90	90	90	90	80	60	60	50	50	70	90
28	50	40	40	40	30	30	30	40	50	60	70	90	100	110	110	110	100	100	100	100	90	90	80	70	70	110
29	60	50	50	50	50	50	50	50	70	80	100	110	110	110	100	100	100	100	100	100	90	90	80	80	80	110
30	60	60	60	50	50	40	40	50	70	[CA]	90	90	90	90	90	90	100	90	90	90	80	70	60	60	70	100
31	50	40	40	30	30	20	30	50	60	80	80	100	100	100	100	100	110	110	100	90	70	70	70	70	70	110
AV	60	50	50	50	40	40	40	50	60	70	80	80	90	90	90	90	90	90	90	80	70	70	60	60	70	[ ]
SD	13	12	11	14	13	13	13	12	12	12	13	13	11	11	10	10	11	11	13	14	16	18	16	15	8	[ ]

OUTPT [VERSION N 28 JUL 76]

OZONE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	DEAK
1	60	50	50	50	50	40	40	50	70	80	100	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	60	100
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	90	90	90	90	90	90	90	80	80	70	60	50	80	90
3	50	50	50	40	40	40	40	50	60	70	80	80	80	80	90	80	90	80	80	80	70	60	60	60	70	90
4	50	50	50	50	40	30	40	40	60	70	80	80	80	80	80	80	90	90	90	80	80	60	60	50	70	90
5	50	50	40	40	30	30	30	40	50	70	[CA]	80	80	80	80	80	80	80	80	70	60	50	50	50	60	80
6	50	40	40	40	30	30	30	40	50	70	80	90	90	90	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	60	90
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	80	90	90	90	90	80	70	70	70	60	80	90
8	60	50	50	50	40	40	40	50	70	[CA]	90	90	90	90	90	90	90	80	80	80	70	60	60	60	70	90
9	50	50	40	40	30	30	40	50	60	60	60	60	60	60	60	60	60	60	70	60	60	50	50	40	50	70
10	40	30	30	30	30	40	50	50	60	70	70	70	70	70	70	70	70	60	60	60	60	50	50	50	59	70
11	40	40	40	40	50	50	60	70	80	80	90	80	90	90	90	90	90	80	80	70	70	70	70	60	70	90
12	70	70	60	50	50	50	50	60	70	80	80	80	80	80	80	90	90	90	90	80	80	80	70	60	70	90
13	60	60	60	60	50	50	50	60	70	80	80	80	80	80	80	80	70	60	60	50	50	60	60	50	70	80
14	80	70	60	50	50	50	50	60	70	70	[CA]	80	80	80	80	90	90	90	80	60	60	50	40	40	70	90
15	30	30	30	20	20	20	20	30	50	60	60	70	70	70	70	80	90	100	100	80	80	70	70	70	60	100
16	70	70	70	60	50	50	40	50	60	70	70	110	80	90	90	110	90	100	90	100	120	110	120	130	80	130
17	120	110	90	70	60	60	60	70	90	90	[CA]	80	80	80	80	80	80	80	80	80	70	60	70	60	80	120
18	50	40	30	20	20	20	20	40	60	70	80	90	100	100	100	100	100	110	100	80	80	70	70	60	70	110
19	50	40	40	40	30	30	30	50	50	60	80	90	100	100	100	100	100	90	90	90	70	60	50	50	70	100
20	40	40	40	40	40	30	30	40	60	60	80	90	90	90	90	100	100	100	100	100	90	90	90	80	70	100
21	70	70	70	60	50	50	50	50	70	70	80	90	90	90	90	90	90	90	90	90	90	80	70	70	80	90
22	70	70	70	60	80	70	70	70	70	70	70	70	70	70	80	90	90	100	90	80	70	60	80	70	80	100
23	60	50	50	40	30	30	40	70	90	90	100	100	100	100	110	110	120	110	100	100	90	90	80	50	80	120
24	50	50	50	50	40	40	50	50	70	80	90	90	100	100	110	110	110	100	110	110	100	100	90	80	80	110
25	70	60	50	40	40	40	40	50	70	70	80	80	80	80	80	70	70	70	60	60	70	70	60	50	69	80
26	50	50	50	40	40	40	50	70	80	90	90	90	[CA]	90	100	100	100	100	100	100	90	70	70	60	70	100
27	60	50	50	50	40	40	50	60	70	70	80	90	100	100	100	90	90	100	100	90	90	60	60	60	70	100
28	50	50	50	40	40	40	40	50	60	70	90	100	100	110	110	110	100	100	100	90	90	70	60	50	70	110
29	50	50	40	40	40	40	40	40	60	70	80	[CA]	80	80	90	90	90	90	90	90	90	90	80	80	70	90
30	80	80	70	70	60	50	50	60	70	80	80	80	100	30	80	80	60	80	70	80	60	60	50	60	70	100
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	60	50	50	50	40	40	40	50	70	70	80	80	90	80	90	90	90	90	90	80	80	70	70	60	70	[ ]
SD	17	16	14	13	13	11	11	11	11	9	10	10	11	15	12	13	12	14	12	14	15	15	16	17	8	[ ]

OUTPT [VERSION N 28 JUL 76]

OZONE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	DEAS
1	60	70	60	60	70	70	80	70	80	80	90	90	90	90	90	90	90	90	90	90	80	70	60	60	80	90
2	50	80	90	90	80	70	60	60	70	(CA)	90	80	80	90	90	90	90	90	100	100	100	120	110	90	90	120
3	80	80	70	60	60	50	50	70	80	90	100	120	130	130	130	130	130	130	130	120	110	90	80	80	100	130
4	70	70	60	60	50	50	50	60	80	110	120	110	110	110	110	110	100	100	100	100	80	70	70	60	80	120
5	60	50	50	50	50	50	40	50	60	70	80	90	110	100	100	100	110	100	100	100	80	70	60	60	70	110
6	50	50	50	50	50	50	40	40	60	80	90	100	110	110	100	100	110	110	100	100	90	80	70	60	80	110
7	60	60	60	50	50	40	40	50	70	80	90	100	100	100	100	100	100	100	100	100	100	100	90	90	80	100
8	80	80	70	60	50	50	50	60	70	80	90	90	90	90	90	90	90	100	100	90	80	80	70	70	80	100
9	60	60	70	70	60	50	50	60	80	90	90	100	90	100	100	100	100	100	100	90	80	80	90	90	80	100
10	90	90	80	70	60	50	50	60	70	80	90	90	100	110	110	100	100	100	100	90	90	90	90	90	80	110
11	70	50	50	50	50	50	50	50	70	(CA)	90	100	110	120	120	110	100	100	100	90	80	70	70	60	80	120
12	60	70	80	80	80	80	70	80	90	90	90	90	100	100	90	90	90	100	90	90	90	80	60	70	80	100
13	90	90	60	50	50	50	50	60	60	80	90	90	100	100	90	90	100	100	100	90	80	60	60	50	80	100
14	50	50	50	40	40	40	40	50	70	(CA)	100	110	100	100	100	90	90	90	100	90	80	70	70	60	70	110
15	60	50	50	50	50	40	40	50	60	80	90	100	100	100	90	100	100	100	100	100	80	60	50	60	70	100
16	60	60	50	40	40	40	40	40	50	60	80	90	90	100	100	100	100	100	100	100	80	70	80	80	70	100
17	80	80	70	60	60	60	60	70	(CA)	90	90	100	100	100	100	100	100	90	80	80	60	70	50	60	80	100
18	50	50	60	50	40	40	30	50	60	60	70	70	70	80	80	80	80	80	70	70	70	70	60	60	60	80
19	50	50	50	40	40	30	30	50	50	60	70	80	90	90	90	80	80	90	80	80	80	60	60	70	70	90
20	80	70	50	50	40	40	40	40	50	70	(CA)	80	90	90	100	100	90	90	90	80	70	60	50	40	70	100
21	40	40	40	40	30	30	30	40	50	80	90	100	110	100	100	110	100	110	110	100	90	80	70	60	70	110
22	60	50	50	40	40	40	40	50	70	90	90	100	110	110	110	120	110	110	110	110	90	60	60	60	80	120
23	60	50	50	50	50	40	50	50	60	80	(PF)	(PF)	(CA)	130	130	140	140	130	130	130	110	100	100	100	90	140
24	100	90	80	70	60	60	60	80	90	110	120	120	120	120	120	120	120	120	120	120	100	100	100	90	100	120
25	90	90	90	90	90	90	80	90	100	100	110	110	110	110	110	110	90	90	80	80	80	70	50	50	90	110
26	40	40	30	30	30	30	30	40	50	60	(CA)	90	90	100	110	100	100	100	100	100	80	70	70	90	70	110
27	100	90	80	70	50	50	40	60	80	90	100	110	110	110	110	110	110	100	100	90	80	60	60	50	80	110
28	50	50	50	50	40	40	40	50	60	70	90	100	110	110	110	110	110	110	100	90	90	70	60	60	80	110
29	50	50	50	50	40	40	50	50	60	90	110	110	(CA)	90	80	80	80	80	80	80	70	60	70	70	70	110
30	70	70	60	60	40	40	40	50	60	70	80	80	90	90	90	90	90	90	90	80	70	70	80	80	70	90
31	70	60	70	70	70	60	60	60	70	70	70	70	80	80	80	80	80	80	70	80	90	70	60	50	70	90
AV	70	60	60	60	50	50	50	60	70	80	90	100	100	100	100	100	100	100	100	90	80	80	70	70	80	[ ]
SD	16	16	14	16	14	14	13	12	13	13	12	13	13	12	13	14	14	12	14	13	11	14	15	15	8	[ ]

OUTPT [VERSION N 28 JUL 76]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
6	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5	5	0	5	0	5	0	0	5	5
7	5	6	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	5	0	0	0	0	0	0	0	5
9	0	0	0	0	0	0	0	0	0	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	5
10	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	0	5	0	0	0	5	0	0	0	5
11	5	5	0	0	0	0	0	0	0	0	5	0	5	5	0	0	0	0	5	0	0	0	0	0	0	5
12	0	0	0	0	0	0	0	0	5	5	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	5
13	0	0	0	5	5	5	0	5	5	5	0	0	5	5	0	0	0	0	0	0	0	5	5	0	0	5
14	0	5	0	0	0	5	5	5	0	0	0	0	0	0	0	0	0	5	0	0	5	5	0	0	0	5
15	5	0	5	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	5
16	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	5	5	5	5	0	0	0	0	5	0	5
17	0	0	0	0	0	0	0	0	5	5	5	0	0	0	5	0	0	0	0	0	0	5	5	0	0	5
18	0	0	0	0	0	5	5	5	5	0	5	0	0	0	0	0	0	5	0	5	0	0	5	5	0	5
19	0	5	5	5	5	0	5	5	0	5	0	5	5	5	0	5	5	5	5	5	5	0	0	0	5	5
20	0	0	0	0	0	5	0	5	0	5	0	0	5	5	0	0	5	5	0	5	10	5	0	5	5	10
21	0	0	5	5	0	5	0	5	5	0	0	0	5	5	5	5	5	5	5	0	0	5	0	5	5	5
22	5	0	0	5	5	5	0	0	0	0	0	0	0	5	0	5	0	5	0	0	0	5	5	0	0	5
23	5	0	5	0	5	0	0	5	15	0	0	0	0	5	5	0	0	5	0	0	0	0	0	5	0	15
24	0	5	5	0	0	5	0	0	5	0	0	5	0	0	0	0	0	5	5	0	0	0	0	5	0	5
25	5	0	0	5	5	5	5	0	0	0	5	0	5	0	0	5	0	0	5	5	0	0	5	0	0	5
26	5	0	0	0	5	5	0	0	5	5	0	0	5	5	5	5	0	0	0	5	5	5	0	0	5	5
27	0	0	0	5	0	0	0	0	5	5	5	5	5	0	5	0	5	0	0	5	5	0	0	5	0	5
28	0	0	0	5	5	5	0	5	5	0	0	5	0	5	0	0	0	5	5	0	0	0	5	0	0	5
29	5	5	5	5	5	0	5	5	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
30	5	5	5	5	5	5	5	5	0	0	0	5	5	0	0	0	0	0	0	0	0	0	5	0	0	5
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	
60	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1 [ ]	

OUTPT [VERSION N 28 JUL 76]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	5	5	0	0	0	5	5	0	0	0	0	0	0	5	0	0	0	0	0	5	0	0	5
2	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5
3	5	0	0	0	0	0	0	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
4	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
5	0	0	0	0	0	5	5	5	0	0	0	5	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	5
6	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	5	0	0	5	5	5	5	5
7	0	5	0	5	0	0	5	0	0	0	0	5	0	5	0	0	0	0	5	0	0	0	5	5	0	5
8	5	5	0	0	5	0	5	5	5	0	0	0	5	0	5	0	0	0	5	5	5	5	5	5	5	5
9	5	0	0	0	5	0	0	0	5	0	5	5	0	0	0	5	0	5	0	0	0	0	0	5	0	5
10	0	0	5	0	5	0	5	0	5	0	0	0	0	5	0	5	0	0	0	0	0	0	0	5	0	5
11	5	0	0	5	0	5	5	5	5	0	0	0	0	0	0	5	0	0	0	5	5	0	5	5	0	5
12	5	0	0	0	5	5	5	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
13	5	5	0	0	5	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	5	0	5	0	0	5
14	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	0	5	0	0	5	5	5	5	0	5	5
15	5	5	0	5	0	5	5	0	5	0	5	0	5	0	0	0	0	0	0	0	5	5	0	0	0	5
16	0	5	5	5	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	5
17	0	0	5	5	0	0	5	5	0	5	0	0	0	0	5	0	0	5	5	5	0	0	5	5	0	5
18	0	5	0	5	5	0	5	5	0	5	0	0	0	5	0	5	0	0	0	5	0	5	0	0	0	5
19	0	0	5	5	0	0	0	0	0	5	0	0	0	5	5	0	5	5	0	0	5	5	0	0	0	5
20	0	5	5	5	5	5	5	0	0	5	0	0	0	0	5	0	0	0	0	5	5	5	5	5	5	5
21	0	5	0	5	5	0	0	5	0	0	0	0	0	5	0	5	0	5	0	0	0	0	5	0	0	5
22	0	0	0	0	0	0	5	5	0	5	0	5	5	0	0	5	0	0	0	0	0	5	5	0	0	5
23	0	0	0	5	5	0	5	0	5	0	5	0	5	0	0	5	0	0	0	0	0	0	0	0	0	5
24	5	5	5	0	5	0	0	0	0	0	0	0	0	5	0	0	0	5	0	5	0	0	0	5	0	5
25	0	5	5	5	5	0	0	5	0	5	5	20	0	5	0	0	0	5	0	0	5	0	5	0	5	20
26	0	5	5	5	5	0	5	5	0	0	0	0	5	0	0	0	5	5	0	0	0	0	0	5	0	5
27	5	5	5	5	0	0	0	0	5	5	5	0	0	0	0	0	0	0	0	5	5	0	0	0	0	5
28	5	5	0	5	5	5	0	0	0	5	0	0	(HT)	0	5	0	0	0	0	5	5	0	5	0	0	5
29	5	0	5	0	0	0	5	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	5	5	0	5
30	0	5	0	0	0	0	5	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	5	0	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0 [ ]	
SD	2	2	2	2	2	2	2	2	2	2	2	4	2	2	2	2	2	2	2	2	2	2	2	2	1 [ ]	

OUTPT [VERSION N 26 JUL 76]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
16	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	5	0	0	0	0	0	0	0	0	0	20
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	0	1	0	0	0	1	0	0	4	0	0	0	1	0	0	0	0	0	1	0	1	0	[ ]

OUTPT (VERSION N 28 JUL 76)

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

MAY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	DEV
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
6	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	5
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
23	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	5
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	
SD	0	0	0	2	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0 [ ]	1

OUTPT (VERSION N 28 JUL 76)

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/3EP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	[MT]	[MT]	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
6	0	0	0	5	5	0	0	0	5	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	5
7	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	5	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
15	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	5	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	[MT]	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	
SD	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0 [ ]	

OUTPT (VERSION N 28 JUL 76)

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [	]
50	0	0	1	0	0	0	0	0	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0 [	]

OUTPT IVERSION N 28 JUL 76]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

MAY,1976

ALWOVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	DATE
1	0	0	0	0	0	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	5
3	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
6	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5
9	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	0	0	0	0	0	0	5
12	0	0	0	0	0	0	0	0	0	5	0	0	5	5	5	0	0	0	0	0	0	0	0	0	0	5
13	5	5	0	0	0	5	0	5	0	5	5	0	5	5	0	0	0	0	0	0	0	5	5	0	0	5
14	0	0	0	5	0	5	0	0	5	5	0	0	0	0	5	0	5	5	0	0	5	0	0	0	0	5
15	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
16	0	0	0	0	0	0	5	0	0	0	0	0	5	0	0	5	0	0	5	0	10	0	0	0	0	10
17	0	0	5	0	0	0	0	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	5	5	0	5
18	0	5	5	5	0	5	5	5	5	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5	0	5
19	0	0	5	0	0	0	0	5	0	5	0	0	5	0	0	5	0	5	5	0	5	0	0	0	0	5
20	0	0	0	5	5	0	0	0	0	5	0	0	0	0	0	0	0	5	0	5	5	5	0	0	0	5
21	0	5	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5	5	5	0	5	5	5	0	5
22	0	0	0	0	5	0	0	5	0	0	0	0	0	5	0	5	0	5	5	0	0	0	5	0	0	5
23	5	0	5	0	0	0	0	0	0	5	5	0	0	0	5	0	0	5	5	0	0	0	0	5	0	5
24	0	5	5	0	0	0	0	5	0	0	0	5	0	0	0	5	0	5	0	5	5	5	0	0	0	5
25	0	0	0	5	5	0	5	5	0	0	5	0	5	0	0	5	5	0	5	0	0	5	5	0	0	5
26	5	0	0	0	5	5	0	5	5	5	0	0	5	5	0	5	5	0	5	5	0	5	0	0	5	5
27	0	5	0	0	0	0	5	0	5	5	5	5	5	0	0	0	0	5	5	5	5	5	0	5	5	5
28	0	5	5	5	5	5	0	5	0	5	5	5	5	5	5	5	5	5	5	0	0	5	5	5	5	5
29	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
30	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	0	0	0	0	5	5	5	5	5	5
31	5	0	5	5	5	0	5	5	0	0	5	0	5	5	0	5	5	0	5	5	0	5	0	5	5	5
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	
SD	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	1 [ ]	

OUTPT [VERSION N 28 JUL 76]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JUNE,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PAK
1	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	5	0	5	5	0	0	5	5	5	5
2	5	5	5	5	0	5	0	0	5	[MT]	[MT]	0	0	0	0	0	0	0	0	0	5	0	0	5	0	5
3	5	5	0	5	0	5	0	0	0	5	5	0	0	0	5	0	5	0	0	0	0	5	0	0	0	5
4	0	0	0	0	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
5	0	0	5	0	0	5	5	5	0	0	0	5	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	5
6	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	5	5	5	0	5
7	5	0	5	5	0	0	0	0	5	0	0	0	0	5	0	0	0	0	5	0	0	0	5	0	0	5
8	5	0	5	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	5	0	5	0	0	0	0	5
9	5	5	5	0	0	0	0	5	0	0	5	0	0	0	5	5	0	5	0	5	0	0	0	5	0	5
10	5	0	5	0	5	5	0	0	5	5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5
11	5	5	0	5	5	5	0	0	5	5	5	0	5	0	0	0	5	0	5	5	5	0	5	5	5	5
12	5	0	0	5	5	0	0	0	0	0	0	5	5	5	5	5	0	5	0	0	0	0	0	5	0	5
13	5	5	5	0	5	5	5	5	0	0	5	0	5	0	0	0	0	0	0	0	5	0	5	0	0	5
14	5	5	5	5	5	5	5	5	0	5	0	0	0	0	0	5	0	0	0	0	0	0	5	0	0	5
15	0	5	0	5	0	0	0	5	5	0	0	0	0	0	0	0	0	0	5	0	0	0	5	0	0	5
16	0	0	0	0	0	0	0	5	5	0	0	5	0	0	0	0	0	0	0	0	0	5	0	0	0	5
17	0	5	5	0	5	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
18	5	5	0	5	0	5	5	0	0	5	0	0	0	0	0	0	0	5	0	5	0	5	0	0	0	5
19	0	0	0	5	0	0	0	0	0	0	5	0	5	0	5	0	5	0	5	0	5	5	0	0	0	5
20	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5
21	5	0	0	5	0	0	0	5	0	5	0	0	0	0	0	5	0	0	0	0	0	0	5	0	0	5
22	0	0	5	0	0	0	0	5	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
23	0	0	0	0	5	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	5	0	5	0	0	5
24	5	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
25	0	0	0	0	5	0	0	5	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
26	0	5	5	0	0	0	5	0	0	0	5	0	5	0	0	0	0	0	0	0	0	0	5	0	0	5
27	5	0	5	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5	5	5	0	5
28	5	0	0	0	0	5	0	0	0	0	0	0	[MT]	0	0	0	0	0	0	0	0	0	0	0	0	5
29	0	0	5	0	0	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
30	0	0	0	5	0	0	0	5	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	
SD	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1 [ ]	

OUTPT [VERSION N 28 JUL 76]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JULY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	DATE
1	0	0	0	0	5	5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5	0	5
2	0	0	5	5	5	5	0	5	0	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	5
3	0	0	0	5	0	0	0	0	0	0	0	5	0	0	0	0	5	0	0	0	0	0	0	0	0	5
4	5	0	0	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
5	0	0	0	0	0	0	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5
8	0	5	5	0	0	0	0	0	5	5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5
9	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
10	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	5	5	0	10
11	5	0	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	5
13	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	5
14	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
15	0	0	0	5	5	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5
16	0	5	5	0	0	0	5	5	0	0	5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	5
17	0	0	0	0	0	0	5	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5	5	0	5
18	5	0	0	5	5	5	5	0	0	5	5	0	5	0	0	5	0	0	0	0	0	0	0	5	0	5
19	0	0	0	0	0	0	5	0	0	0	5	0	5	5	0	0	0	0	0	0	0	0	0	0	0	5
20	0	0	0	5	0	5	0	0	5	0	5	0	5	0	5	0	0	5	0	5	0	5	0	0	0	5
21	0	0	0	0	0	0	5	0	5	5	0	5	0	5	0	5	0	0	0	0	0	0	0	0	0	5
22	0	0	0	5	0	0	0	0	0	5	0	0	0	5	0	0	0	0	0	0	0	0	5	0	0	5
23	5	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5	0	5
24	0	5	0	0	0	0	0	5	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
25	0	5	5	0	0	5	0	0	5	0	0	5	0	0	0	0	0	0	5	0	0	0	0	0	0	5
26	0	0	0	5	0	5	0	5	0	0	0	0	0	5	0	5	0	0	0	0	5	0	0	0	0	5
27	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5
28	0	0	0	5	0	5	5	5	0	5	0	0	0	5	0	5	0	0	0	0	0	5	0	0	0	5
29	0	0	0	0	0	5	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
30	5	5	5	5	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
31	0	0	0	0	0	5	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	
SD	2	2	2	2	2	2	2	2	2	2	3	2	2	2	1	2	1	1	1	1	1	2	2	2	0 [ ]	

OUTPT (VERSION N 28 JUL 76)

WHITE RIVER SHALE PROJECT, UTAH

Suspended particulate Wt.

(μ gm/M^3)

High Volume Filter Data Summary Sheet

DATE	A 1	A 2	A 3	A 4	A 5	A 6	A 7	A 8
2-24-76	6.6	9.2	8.4	8.0	14.5	4.2	11.2	13.3
3-1-76	13.9	60.2	39.5	63.8	22.4	38.9	77.7	59.0
3-7-76	9.3	9.9	8.4	10.0	25.1	9.0	12.5	17.2
3-13-76	4.6	7.9	5.8	7.3	10.6	6.9	8.6	9.9
3-19-76	26.4	22.3	14.3	23.9	35.0	20.8	27.6	24.5
3-25-76	25.1	20.4	14.3	21.9	30.4	13.9	23.7	21.3
3-31-76	14.5	13.8	12.3	23.1	31.7	19.4	17.8	27.8
4-6-76	12.6	10.5	9.1	12.7	18.5	22.2	14.5	16.2
4-12-76	38.3	34.2	27.9	50.5	75.2	36.1	35.5	59.5
4-18-76	9.9	9.2	5.2	9.3	9.2	4.9	7.9	10.9
4-24-76	9.9	9.9	7.1	13.3	26.4	14.6	8.6	17.2
4-30-76	12.6	13.1	4.5	15.3	22.4	13.2	9.2	22.3
5-6-76	Data Ended	Data Ended	4.5	12.0	Data Ended	11.8	6.6	Data Ended
5-12-76	↓	↓	11.6	15.8	↓	31.9	13.2	↓
5-18-76	↓	↓	23.9	27.9	↓	45.1	25.7	↓
5-24-76	↓	↓	13.6	16.6	↓	20.1	13.8	↓
5-30-76	↓	↓	15.6	15.3	↓	26.4	13.8	↓
6-5-76	↓	↓	22.7	40.5	↓	25.7	15.8	↓
6-11-76	↓	↓	35.7	53.1	↓	39.6	33.5	↓
6-17-76	↓	↓	13.6	19.3	↓	22.2	7.9	↓

IM = Instrument Malfunction

WHITE RIVER SHALE PROJECT UTAH

Suspended particulate Wt.

($\mu gm/M^3$)

High Volume Filter Data Summary Sheet

DATE	A1	A2	A3	A4	A5	A6	A7	A8
6-23-76	Data Ended	Data Ended	18.8	20.6	Data Ended	36.8	3.3	Data Ended
6-29-76			28.6	60.5		52.1	3.3	
7-5-76			20.1	46.5		28.5	20.4	
7-11-76			27.3	14.0		24.3	27.6	
7-17-76			29.9	6.0		47.9	27.6	
7-23-76			21.4	9.3		53.5	21.1	
7-29-76			26.0	6.0		63.9	24.3	
8-4-76			14.3	8.6		18.7	12.5	
8-10-76			18.2	5.3		30.6	21.0	
8-16-76			27.3	52.5		46.1	37.3	
8-22-76			19.5	20.6		34.0	17.8	
8-28-76			12.2	32.6		30.6	9.2	

FINAL DATA

Thermo-Luminescent Dosimetry Record
White River Shale Project

LEVEL OF COMPLETION
____ 1st QC
____ Entry errors corr'd
✓ Calibrated
____ Final Calibration
✓ Final QC

SITE #	TLD #	DATE INSTALLED	DATE REMOVED	DOSE(mR)	INITIALS
1	11	22 APR 76	22 MAY 76	8.17	FM
"	14	22 APR 76	22 MAY 76	9.76	FM
"	37	22 APR 76	22 MAY 76	12.13	FM
2	17	22 APR 76	22 MAY 76	13.1	FM
"	39	22 APR 76	22 MAY 76	13.1	FM
"	51	22 APR 76	22 MAY 76	14.55	FM
3	6	22 APR 76	23 MAY 76	7.88	FM
"	43	22 APR 76	23 MAY 76	7.59	FM
"	55	22 APR 76	23 MAY 76	10.63	FM
4	09	21 APR 76	22 MAY 76	12.52	FM
"	20	21 APR 76	22 MAY 76	13.1	FM
"	36	21 APR 76	22 MAY 76	13.1	FM
5	10	21 APR 76	23 MAY 76	8.17	FM
"	32	21 APR 76	23 MAY 76	8.46	FM
"	47	21 APR 76	23 MAY 76	7.73	FM
6	04	21 APR 76	21 MAY 76	12.23	FM
"	25	21 APR 76	21 MAY 76	10.63	FM
"	50	21 APR 76	21 MAY 76	11.50	FM
7	42	22 APR 76	23 MAY 76	10.2	FM
"	45	22 APR 76	23 MAY 76	9.47	FM
"	52	22 APR 76	23 MAY 76	12.52	FM

FINAL DATA

LEVEL OF COMPLETION

- ____ 1st QC
- ____ Entry errors corr'd
- ✓ Calibrated
- ✓ Final Calibration
- ✓ Final QC

Thermo-Luminescent Dosimetry Record

White River Shale Project

SITE #	TLD #	DATE INSTALLED	DATE REMOVED	DOSE(mR)	INITIALS
8	07	21 APR 76	21 MAY 76	8.46	FM
"	30	21 APR 76	21 MAY 76	9.04	FM
"	46	21 APR 76	21 MAY 76	8.75	FM
9	41	22 APR 76	22 MAY 76	9.62	FM
"	48	22 APR 76	22 MAY 76	9.91	FM
"	53	22 APR 76	22 MAY 76	12.52	FM
10	1	22 APR 76	23 MAY 76	9.33	FM
"	56	22 APR 76	23 MAY 76	11.36	FM
"	54	22 APR 76	23 MAY 76	11.79	FM
11	15	21 APR 76	21 MAY 76	16.0	FM
"	23	21 APR 76	21 MAY 76	16.0	FM
"	31	21 APR 76	21 MAY 76	14.55	FM
12	12	21 APR 76	21 MAY 76	10.78	FM
"	24	21 APR 76	21 MAY 76	10.63	FM
"	26	21 APR 76	21 MAY 76	12.23	FM

QC Checked 9/16/76 By: BMV

Thermo-Luminescent Dosimetry Record

White River Shale Project

SITE #	TLD #	DATE INSTALLED	DATE REMOVED	DOSE(mR)	INITIALS
1	07	22 May 76	21 June 76	7.9	RL
"	23	22 May 76	21 June 76	8.0	RL
"	24	22 May 76	21 June 76	7.9	RL
2	04	22 May 76	21 June 76	12.5	RL
"	30	22 May 76	21 June 76	13.1	RL
"	50	22 May 76	21 June 76	11.5	RL
3	11	23 May 76	22 June 76	8.2	RL
"	20	23 May 76	22 June 76	9.2	RL
"	37	23 May 76	22 June 76	9.3	RL
4	12	22 May 76	21 June 76	11.5	RL
"	25	22 May 76	21 June 76	11.4	RL
"	31	22 May 76	21 June 76	12.5	RL
5	14	23 May 76	22 June 76	9.3	RL
"	48	23 May 76	22 June 76	9.3	RL
"	53	23 May 76	22 June 76	10.9	RL
6	03	21 May 76	20 June 76	10.5	RL, FM
"	21	21 May 76	20 June 76	10.5	RL, FM
"	35	21 May 76	20 June 76	11.7	RL, FM
7	17	23 May 76	22 June 76	11.1	RL
"	39	23 May 76	22 June 76	10.9	RL
"	41	23 May 76	22 June 76	10.8	RL

QC Checked 9/16/76 By: [illegible]

Thermo-Luminescent Dosimetry Record

White River Shale Project

SITE #	TLD #	DATE INSTALLED	DATE REMOVED	DOSE(mR)	INITIALS
8	08	21 May 76	20 June 76	7.6	RL, FM
"	16	21 May 76	20 June 76	8.2	RL, FM
"	27	21 May 76	20 June 76	8.2	RL, FM
9	15	22 May 76	21 June 76	9.8	RL
"	26	22 May 76	21 June 76	8.6	RL
"	46	22 May 76	21 June 76	9.0	RL
10	09	23 May 76	22 June 76	9.9	RL
"	36	23 May 76	22 June 76	10.5	RL
"	51	23 May 76	22 June 76	12.5	RL
11	19	21 May 76	20 June 76	13.1	RL, FM
"	29	21 May 76	20 June 76	13.1	RL, FM
"	34	21 May 76	20 June 76	11.7	RL, FM
12	33	21 May 76	20 June 76	10.6	RL, FM
"	38	21 May 76	20 June 76	9.3	RL, FM
"	40	21 May 76	20 June 76	10.4	RL, FM

QC Checked 8/31/76 By: [illegible]

Thermo-Luminescent Dosimetry Record

White River Shale Project

SITE #	TLD #	DATE INSTALLED	DATE REMOVED	DOSE(mR)	INITIALS
1	21	21 June 76	21 July 76	9.3	FM
"	29	21 June 76	21 July 76	9.2	
"	38	21 June 76	21 July 76	8.3	
2	16	21 June 76	21 July 76	13.1	
"	33	21 June 76	21 July 76	12.2	
"	34	21 June 76	21 July 76	13.1	
3	25	22 June 76	22 July 76	8.5	
"	30	22 June 76	22 July 76	8.7	
"	46	22 June 76	22 July 76	8.7	
4	8	21 June 76	21 July 76	11.1	
"	27	21 June 76	21 July 76	13.1	
"	40	21 June 76	21 July 76	IM	
5	4	22 June 76	22 July 76	8.5	
"	12	22 June 76	22 July 76	8.5	
"	31	22 June 76	22 July 76	8.5	
6	42	20 June 76	21 July 76	13.1	
"	45	20 June 76	21 July 76	12.2	
"	54	20 June 76	21 July 76	15.4	
7	23	22 June 76	22 July 76	10.8	
"	24	22 June 76	22 July 76	9.5	
"	50	22 June 76	22 July 76	10.5	

QC Checked 8/3/76 By: [illegible]

Thermo-Luminescent Dosimetry Record

White River Shale Project

SITE #	TLD #	DATE INSTALLED	DATE REMOVED	DOSE(mR)	INITIALS
8	01	20 June 76	21 July 76	9.0	FM
"	18	20 June 76	21 July 76	9.3	
"	32	20 June 76	21 July 76	9.6	
9	3	21 June 76	21 July 76	10.5	
"	19	21 June 76	21 July 76	11.1	
"	35	21 June 76	21 July 76	10.9	
10	7	22 June 76	22 July 76	9.6	
"	15	22 June 76	22 July 76	10.2	
"	26	22 June 76	22 July 76	10.5	
11	43	20 June 76	21 July 76	16.0	
"	47	20 June 76	21 July 76	17.5	
"	52	20 June 76	21 July 76	8.5	
12	02	20 June 76	21 July 76	14.5	
"	10	20 June 76	21 July 76	12.5	
"	56	20 June 76	21 July 76	16.0	

QC Checked 9/16/76 By: KM

Thermo-Luminescent Dosimetry Record
White River Shale Project

SITE #	TLD #	DATE INSTALLED	DATE REMOVED	DOSE(mR)	INITIALS
1	18	21 July	20 Aug	8.17	FM
1	45	21 July	20 Aug	9.33	
1	49	21 July	20 Aug	9.77	
2	2	21 July	20 Aug	14.55	
2	16	21 July	20 Aug	14.55	
2	52	21 July	20 Aug	17.45	
3	20	22 July	21 Aug	7.59	
3	37	22 July	21 Aug	9.04	
3	48	22 July	21 Aug	9.04	
4	10	21 July	20 Aug	11.65	
4	27	21 July	20 Aug	15.42	
4	32	21 July	20 Aug	14.26	
5	17	22 July	22 Aug	9.04	
5	39	22 July	22 Aug	9.04	
5	41	22 July	22 Aug	9.91	
6	8	21 July	19 Aug	11.07	
6	29	21 July	19 Aug	11.94	
6	33	21 July	19 Aug	10.78	
7	14	22 July	22 Aug	12.23	
7	22	22 July	22 Aug	12.23	
7	28	22 July	22 Aug	10.78	
8	1	21 July	19 Aug	8.46	
8	38	21 July	19 Aug	7.88	

QC Checked 9/16/76 By: [illegible]

Thermo-Luminescent Dosimetry Record

White River Shale Project

SITE #	TLD #	DATE INSTALLED	DATE REMOVED	DOSE(mR)	INITIALS
8	42	21 July	19 Aug	9.19	FM
9	43	21 July	20 Aug	9.62	
9	47	21 July	20 Aug	10.78	
9	54	21 July	20 Aug	13.10	
10	6	22 July	21 Aug	10.78	
10	13	22 July	21 Aug	10.78	
10	36	22 July	21 Aug	11.36	
11	21	21 July	19 Aug	13.97	
11	35	21 July	19 Aug	14.26	
11	56	21 July	19 Aug	16.29	
12	3	21 July	19 Aug	11.07	
12	19	21 July	19 Aug	11.07	
12	34	21 July	19 Aug	10.49	

CUSTOMER Aerovironment Inc.

ATTENTION Andrew A. Huang

ADDRESS 145 Vista Avenue

CITY Pasadena, California 91107

JOB NO. 7819

SOUTHEASTERN FACILITY

REPORT OF ANALYSIS

TYPE OF ANALYSIS	CUSTOMER ORDER NO.	SAMPLES REC'D
Hi-Vol Filters for Gross Alpha/Beta	45327	8-3-76

Customer Identification	Site	Date Collected	pCi/m^3 Gross Alpha	pCi/m^3 Gross Beta
WRU-0627	Utah A6	7-5-76	0.0 + 3.5 E-03	3.8 + 1.8 E-02
WRU-0607	Utah A6	6-5-76	0.0 ∓ 3.5 E-03	3.1 ∓ 1.8 E-02
WRU-0586	Utah A6	5-6-76	8.9 ∓ 5.4 E-03	0.0 ∓ 1.7 E-02
WRU-0548	Utah A6	4-6-76	0.0 ∓ 3.5 E-03	0.0 ∓ 1.7 E-02
WRU-0465	Utah A6	2-6-76	0.0 ∓ 3.5 E-03	0.0 ∓ 1.7 E-02
WRU-0382	Utah A6	12-2-75	6.3 ∓ 4.9 E-03	2.0 ∓ 1.7 E-02
WRU-0303	Utah A6	10-3-75	6.8 ∓ 5.0 E-03	5.2 ∓ 1.9 E-02
WRU-0504	Utah A2	3-1-76	0.0 ∓ 3.3 E-03	0.0 ∓ 1.6 E-02
WRU-0419	Utah A2	1-1-76	8.8 ∓ 5.2 E-03	0.0 ∓ 1.6 E-02
WRU-0379	Utah A2	12-2-75	1.7 ∓ 0.7 E-02	3.1 ∓ 1.7 E-02

039-D-GR-7

EBERLINE INSTRUMENT CORPORATION
312 MIAMI ST.
WEST COLUMBIA, S.C. 29169
(803) 796-3604

HOW REPORTED:

PAGE 1 OF 1 PAGES

BY Ernest J. Lang

DATE 8-9-76

Ernest J. Lang, Supervisor

CUSTOMER Aerovironment Inc.

ATTENTION Andrew A. Huang

ADDRESS 145 Vista Avenue

CITY Pasadena, California 91107

CK. NO. 7820

SOUTHEASTERN FACILITY

REPORT OF ANALYSIS

TYPE OF ANALYSIS	CUSTOMER ORDER NO.	SAMPLES REC'D
Hi-Vol Filters for Ge-Li.	45327	8-3-76

Customer Identification - WRU-0627
Site - Utah A6
Date Collected - 7-5-76
Sample Weight - 720 m^3
Date Control - 8-3-76
Time Control - 1549
Minutes Counted - 100

Isotope	pCi/m^3
Cs-137	Less than 1.0 E-02
Be-7	2.4 ± 1.0 E-01
Pb-212	Less than 3.3 E-02
Ra-226	Less than 3.5 E-01
Bi-214	4.7 ± 3.2 E-02
Pb-214	9.3 ± 3.1 E-02

Customer Identification - WRU-0607
Site - Utah A6
Date Collected - 6-5-76
Sample Weight - 720 m^3
Date Control - 8-3-76
Time Control - 1733
Minutes Counted - 100

Isotope	pCi/m^3
K-40	Less than 1.4 E-01
Cs-137	Less than 7.9 E-03
Bi-214	Less than 3.6 E-02
Tl-208	Less than 1.2 E-02
Be-7	1.3 ± 0.7 E-01
Pb-214	Less than 4.0 E-02

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DATE 8-6-76

CUSTOMER Aerovironment Inc.

SOUTHEASTERN FACILITY

ATTENTION

ADDRESS

CITY

CK. NO.

REPORT OF ANALYSIS

TYPE OF ANALYSIS	CUSTOMER ORDER NO.	SAMPLES REC'D

Customer Identification - WRU-0586
Site - Utah A6
Date Collected - 5-6-76
Sample Weight - 720 m^3
Date Control - 8-4-76
Time Control - 0830
Minutes Counted - 100

Isotope	pCi/m^3
Mn-54	9.3 ± 4.8 E-03
Tl-208	Less than 1.3 E-02
Bi-214	Less than 4.0 E-02
Be-7	6.7 ± 5.5 E-02
Pb-212	Less than 3.3 E-02
Ra-226	Less than 3.5 E-01
Pb-214	5.8 ± 2.9 E-02

Customer Identification - WRU-0548
Site - Utah A6
Date Collected - 4-6-76
Sample Weight - 720 m^3
Date Collected - 8-4-76
Time Control - 1255
Minutes Counted - 100

Isotope	pCi/m^3
Cs-137	Less than 8.8 E-03
Bi-214	Less than 3.8 E-02
Tl-208	Less than 1.3 E-02
Pb-212	Less than 3.2 E-02
Ra-226	2.5 ± 2.3 E-01
Ce-141	Less than 2.6 E-02
Pb-214	Less than 4.2 E-02

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Ernest J. Lang, Supervisor

CUSTOMER Aerovironment Inc.

SOUTHEASTERN FACILITY

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CITY

ACK. NO.

REPORT OF ANALYSIS

TYPE OF ANALYSIS	CUSTOMER ORDER NO.	SAMPLES REC'D

Customer Identification - WRU-0465
Site - Utah A6
Date Collected - 2-6-76
Date Control - 8-3-76
Time Control - 1604
Sample Weight - 720 m^3
Minutes Counted - 100

Isotope	pCi/m^3
Cs-137	Less than 7.1 E-03
Ra-226	Less than 3.5 E-01
Ce-141	Less than 2.6 E-02
Pb-214	3.1 $\pm$ 2.6 E-02
Bi-214	Less than 3.4 E-02

Customer Identification - WRU-0382
Site - Utah A6
Date Collected - 12-2-75
Date Control - 8-4-76
Time Control - 1748
Sample Weight - 720 m^3
Minutes Counted - 100

Isotope	pCi/m^3
K-40	Less than 1.4 E-01
Bi-214	Less than 3.6 E-02
Pb-212	Less than 3.2 E-02
Cs-137	Less than 7.0 E-03
Pb-214	3.7 $\pm$ 2.8 E-02

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DATE 8-6-76

CUSTOMER Aerovironment Inc.

SOUTHEASTERN FACILITY

ATTENTION

ADDRESS

CITY

A.K. NO.

REPORT OF ANALYSIS

TYPE OF ANALYSIS	CUSTOMER ORDER NO.	SAMPLES REC'D

Customer Identification - WRU0303
Site - Utah A2
Date Collected - 10-30-75
Sample Weight - 720 m^3
Date Control - 8-4-76
Time Control - 1939
Minutes Counted - 100

Isotope	pCi/m^3
Nb-95	Less than 1.2 E-02
Cs-137	6.0 ± 4.8 E-03
Bi-214	Less than 3.9 E-02
Pb-214	2.6 ± 2.6 E-02
Pb-212	Less than 3.2 E-02
Ra-226	Less than 3.5 E-01

Customer Identification - WRU-0504
Site - Utah A2
Date Collected - 3-1-76
Sample Weight - 764 m^3
Date Control - 3-4-76
Time Control - 2151
Minutes Counted - 100

Isotope	pCi/m^3
K-40	Less than 1.6 E-01
Cs-137	Less than 8.2 E-03
Pb-212	Less than 3.1 E-02
Ra-226	Less than 3.2 E-01
Co-57	Less than 7.7 E-03
Pb-214	Less than 3.9 E-02
Bi-214	2.0 ± 1.8 E-02

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SOUTHEASTERN FACILIT

REPORT OF ANALYS

TYPE OF ANALYSIS

CUSTOMER ORDER NO.

SAMPLES REC'D

Customer Identification - WRU-0419
Site - Utah A2
Date Collected - 1-1-76
Sample Weight - 761 m^3
Date Control - 8-5-76
Time Control - 0930
Minutes Counted - 100

Isotope	pCi/m^3
K-40	Less than 1.6 E-01
Cs-137	Less than 7.8 E-03
Pb-214	3.4 ± 2.7 E-02
Bi-214	4.3 ± 2.5 E-02

Customer Identification - WRU-0379
Site - Utah A2
Date Collected - 12-2-75
Sample Weight - 761 m^3
Date Control - 8-5-76
Time Control - 1315
Minutes Counted - 100

Isotope	pCi/m^3
K-40	Less than 1.3 E-01
Cs-137	Less than 9.2 E-03
Bi-214	3.7 ± 2.6 E-02
Tl-208	Less than 1.3 E-02
Sb-125	Less than 3.9 E-02
Pb-212	Less than 3.1 E-02
Ra-226	Less than 3.3 E-01
Co-57	5.8 ± 5.4 E-03
Pb-214	6.7 ± 2.9 E-02

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HOW REPORTED:

BY Ernest J. Lang

Ernest J. Lang Supervisor

DATE 8-6-76

UC DAVIS ELEMENTAL ANALYSIS TRAY 30051 07/02/76 O/P ON 08/28/76

NA TO TOTLX IN NANOGRAMS/CM**2 TOTLX FROM NA TO PB 3.6 - 2.0 μm range
H, C, O IN MICROGRAMS/CM**2
MATRIX CORRECTIONS USING LOAD
H,C,O AMOUNTS INCLUDE SUBSTRATE

SLIDE	NA	AL	SI	S	CL	K	CA
3	298.4 +/- 36.5	1256.3 +/- 129.6	5437.5 +/- 544.9	132.4 +/- 24.9	30.7*	917.3 +/- 92.4	2353.9 +/- 235.8
4	1030.6 +/- 119.8	1588.1 +/- 161.9	7306.1 +/- 731.5	260.9 +/- 28.8	30.9*	1231.1 +/- 123.6	3009.3 +/- 301.3
5	82.7*	1348.0 +/- 139.4	5858.0 +/- 587.1	123.2 +/- 25.3	30.7*	986.3 +/- 99.2	2169.2 +/- 217.3

SLIDE	TI	V	MN	FE	NI	ZN	BR
3	101.0 +/- 11.4	15.1*	14.0*	1509.6 +/- 151.6	12.0*	349.9 +/- 36.7	28.0*
4	152.8 +/- 16.2	16.1*	14.1*	2000.2 +/- 200.6	12.0*	21.0*	28.0*
5	129.0 +/- 14.0	16.1*	14.0*	1623.8 +/- 163.1	12.0*	21.0*	28.0*

SLIDE	BA	PB	TOTLX	H	C	O
3	51.3*	108.4 +/- 20.6	12464.7 +/- 636.1	23.6 +/- 2.4	181.6 +/- 18.4	127.6 +/- 12.8
4	52.5*	50.0*	16579.0 +/- 850.3	24.4 +/- 2.4	187.1 +/- 19.0	133.9 +/- 13.5
5	52.3*	126.2 +/- 21.2	12363.5 +/- 670.1	23.4 +/- 2.3	178.8 +/- 18.2	128.6 +/- 13.0

* DENOTES UPPER LIMIT OF ELEMENT NOT FOUND

ADDITIONAL ELEMENTS FOUND: SLIDE, ELEMENT, AMOUNT

3	CU	54.8	3	ZR	70.8	5	CU	39.2	✓5	ZR	94.3
✓3	PT	122.0	3	B	7.3	5	PT	63.1			
✓3	RB	42.1	4	PT	61.1	5	RB	53.5			

Multiply by .33 to get
10^{-10} g/m^3

3	May	1	4	7	13	16
4		2	5	8	14	17
5		3	6	9	15	18

UC DAVIS ELEMENTAL ANALYSIS TRAY 30052 07/02/76 O/P ON 08/28/76

NA TO TOTLX IN NANOGRAMS/CM**2 TOTLX FROM NA TO PB 0.65 - 3.6 μm range
H, C, O IN MICROGRAMS/CM**2
MATRIX CORRECTIONS USING LOAD
H,C,O AMOUNTS INCLUDE SUBSTRATE

SLIDE	NA	AL	SI	S	CL	K	CA
3	426.7 +/- 56.9	1441.4 +/- 147.8	4633.2 +/- 464.5	1624.3 +/- 172.7	29.6*	879.8 +/- 88.4	1617.5 +/- 162.1
4	1126.8 +/- 129.7	2158.7 +/- 219.4	6965.6 +/- 697.7	1519.0 +/- 164.5	32.0*	1154.2 +/- 115.9	2730.2 +/- 273.4
5	978.4 +/- 113.1	1520.5 +/- 157.9	4721.4 +/- 473.4	1700.6 +/- 180.2	29.7*	902.8 +/- 90.8	1540.5 +/- 154.4

SLIDE	TI	V	MN	FE	NI	ZN	BR
3	103.4 +/- 11.6	15.1*	14.0*	1512.0 +/- 151.9	11.0*	11.6 +/- 5.0	27.0*
4	144.0 +/- 15.4	16.1*	14.1*	2343.8 +/- 234.9	12.0*	21.0*	29.0*
5	111.9 +/- 12.3	15.1*	13.0*	1435.9 +/- 144.2	11.0*	10.8 +/- 4.8	25.9 +/- 7.2

SLIDE	BA	PB	TOTLX	H	C	O
3	50.3*	140.7 +/- 20.4	12390.7 +/- 573.1	23.3 +/- 2.3	172.3 +/- 17.6	135.6 +/- 13.7
4	52.5*	173.0 +/- 24.4	18315.2 +/- 850.3	25.3 +/- 2.5	187.2 +/- 19.0	146.5 +/- 14.8
5	48.3*	140.4 +/- 19.3	13089.1 +/- 589.7	23.2 +/- 2.3	172.8 +/- 17.6	134.3 +/- 13.5

* DENOTES UPPER LIMIT OF ELEMENT NOT FOUND

ADDITIONAL ELEMENTS FOUND: SLIDE, ELEMENT, AMOUNT

✓3	PT	49.5	✓5	CU	15.9	✓5	RB	46.8	5	B	4.6
✓4	CU	20.5	✓5	PT	53.1	5	BE	1.3			

Multiply by .33 to get

10^{-10} g/m^3

UC DAVIS ELEMENTAL ANALYSIS TRAY 30[illegible]3 07/03/76 O/P ON 08/28/76

NA TO TOTLX IN 10^{-10} g/m^3 TOTLX FROM NA TO PB 0.10 - 0.65 μm range
H, C, O IN 10^{-7} g/m^3
MATRIX CORRECTIONS USING LIOAD
H,C,O AMOUNTS INCLUDE SUBSTRATE

SLIDE	NA	AL	SI	S	CL	K	CA
3	97.5*	483.7 +/- 52.5	2700.9 +/- 271.0	5179.8 +/- 527.1	40.8*	666.3 +/- 67.5	1053.9 +/- 105.8
4	40.4 +/- 23.0	186.0 +/- 25.2	1318.5 +/- 132.8	2294.1 +/- 239.7	36.4*	286.7 +/- 29.9	584.9 +/- 59.1
5	203.1 +/- 32.8	185.8 +/- 25.8	1502.2 +/- 151.2	2838.3 +/- 295.2	36.4*	480.6 +/- 49.1	469.5 +/- 47.6

SLIDE	TI	V	MN	FE	NI	ZN	BR
3	31.3 +/- 7.4	21.1*	20.2 +/- 5.5	777.9 +/- 78.6	9.8 +/- 3.8	38.6 +/- 6.9	27.0*
4	18.8 +/- 6.4	19.0*	16.0*	461.3 +/- 46.8	8.7 +/- 3.3	25.3 +/- 5.3	23.8 +/- 7.1
5	20.3 +/- 5.6	19.1*	17.2 +/- 4.7	400.5 +/- 41.0	10.5 +/- 3.3	37.2 +/- 6.2	38.0 +/- 8.6

SLIDE	BA	PB	TOTLX	H	C	O
3	67.4*	128.3 +/- 20.0	11090.5 +/- 613.6	61.6 +/- 6.2	773.9 +/- 79.4	174.7 +/- 17.9
4	61.2*	144.7 +/- 20.7	5393.1 +/- 288.8	53.7 +/- 5.4	602.7 +/- 62.6	155.7 +/- 16.1
5	61.2*	162.1 +/- 21.1	6365.1 +/- 344.6	54.0 +/- 5.4	602.0 +/- 61.8	160.0 +/- 16.4

* DENOTES UPPER LIMIT OF ELEMENT NOT FOUND

ADDITIONAL ELEMENTS FOUND: SLIDE, ELEMENT, AMOUNT

3	CU	20.6	4	CU	16.2	4	SR	117.2
3	AU	101.3	4	AU	93.4	5	CU	16.5
3	SR	92.0	4	RB	63.1	5	SE	40.1

3	May	1	4	7.8.9	13	16
4		2	5	-	14	17
5		3	6	-	15	18

UC DAVIS ELEMENTAL ANALYSIS TRAY 30061 07/20/76 O/P ON 08/28/76

NA TO TOTLX IN 10^{-10} g/m^3 TOTLX FROM NA TO PB
H, C, O IN 10^{-7} g/m^3
MATRIX CORRECTIONS USING LOAD
H,C,O AMOUNTS INCLUDE SUBSTRATE

SLIDE	NA	AL	SI	S	CL	K	CA
3	103.4 +/- 12.8	771.7 +/- 78.4	3074.9 +/- 307.6	63.3 +/- 6.9	28.9 +/- 4.0	535.8 +/- 53.7	1151.3 +/- 115.2
4	145.9 +/- 18.0	1593.2 +/- 159.8	5897.3 +/- 589.9	58.9 +/- 7.1	16.0 +/- 3.9	993.8 +/- 99.5	2397.0 +/- 239.8
5	130.8 +/- 16.5	1017.4 +/- 102.8	4070.3 +/- 407.2	15.6 +/- 9.0	26.1 +/- 4.0	701.4 +/- 70.3	1913.5 +/- 191.4

SLIDE	TI	V	MN	FE	NI	ZN	BR
3	77.5 +/- 7.9	10.1*	10.1*	1341.1 +/- 134.2	10.0*	10.0*	5.2 +/- 1.3
4	140.8 +/- 14.3	10.2*	10.1*	1565.5 +/- 156.7	10.0*	10.0*	10.0*
5	98.7 +/- 10.1	10.1*	10.1*	1203.9 +/- 120.5	12.3 +/- 1.6	10.0*	5.4 +/- 1.5

SLIDE	BA	PB	TOTLX	H	C	O
3	10.1*	10.0*	7153.0 +/- 367.7	8.2 +/- 0.8	72.6 +/- 7.4	53.7 +/- 5.4
4	20.4*	10.0*	12808.3 +/- 682.7	3.5 +/- 0.9	79.2 +/- 8.1	58.5 +/- 5.9
5	20.3*	73.3 +/- 10.9	9268.7 +/- 482.8	8.0 +/- 0.8	71.1 +/- 7.3	55.1 +/- 5.5

* DENOTES UPPER LIMIT OF ELEMENT NOT FOUND

ADDITIONAL ELEMENTS FOUND: SLIDE, ELEMENT, AMOUNT

3	MG	204.2	3	AS	29.7	4	PT	37.9	5	MG	270.0
3	PT	41.7	3	RB	17.6	4	AS	68.5	5	PT	26.0
3	HG	52.0	4	MG	265.0	4	BE	0.6			

3	June 3	6	9	12	15
4	4	7	10	13	16
5	5	8	11	14	17

UC DAVIS ELEMENTAL ANALYSIS . TRAY 30462 07/20/76 O/P ON 08/28/76

NA TO TOTLX IN 10^{-10} g/m^3 TOTLX FROM NA TO PB
H, C, O IN 10^{-7} g/m^3
MATRIX CORRECTIONS USING LIOAD
H,C,O AMOUNTS INCLUDE SUBSTRATE

SLIDE	NA	AL	SI	S	CL	K	CA
3	245.2 +/- 26.3	759.8 +/- 77.2	2549.6 +/- 255.1	465.6 +/- 50.3	100.8 +/- 10.4	461.0 +/- 46.2	827.7 +/- 82.8
4	242.4 +/- 26.9	1174.4 +/- 118.7	3796.6 +/- 379.8	556.0 +/- 60.4	42.6 +/- 5.3	655.2 +/- 65.6	1455.2 +/- 145.6
5	156.5 +/- 17.5	650.2 +/- 66.2	2156.1 +/- 215.7	441.1 +/- 48.6	34.9 +/- 4.2	394.1 +/- 39.5	873.7 +/- 87.4

SLIDE	TI	V	MN	FE	NI	ZN	BR
3	56.1 +/- 5.8	10.1*	10.0*	688.4 +/- 68.9	10.0*	10.0*	6.1 +/- 1.3
4	78.0 +/- 8.0	10.1*	3.5 +/- 1.3	1004.1 +/- 100.5	10.0*	10.0*	6.9 +/- 1.5
5	46.3 +/- 4.9	10.1*	10.0*	697.5 +/- 69.9	10.0*	10.0*	7.1 +/- 1.3

SLIDE	BA	PB	TOTLX	H	C	O
3	10.1*	52.8 +/- 7.4	6213.0 +/- 297.0	9.1 +/- 0.9	73.3 +/- 7.4	56.5 +/- 5.7
4	20.3*	67.6 +/- 9.4	9082.5 +/- 445.6	8.7 +/- 0.9	75.1 +/- 7.6	60.6 +/- 6.1
5	10.1*	63.3 +/- 9.5	5520.7 +/- 260.4	8.4 +/- 0.8	72.8 +/- 7.4	58.9 +/- 5.9

* DENOTES UPPER LIMIT OF ELEMENT NOT FOUND

ADDITIONAL ELEMENTS FOUND: SLIDE, ELEMENT, AMOUNT

3	MG	247.6	3	RB	18.5	4	AS	38.5	5	HG	34.9
3	PT	26.7	4	MG	361.9	4	BE	0.5	5	AS	44.7
3	HG	39.2	4	PT	38.7	5	MG	235.4			
3	AS	35.1	4	HG	59.7	5	PT	27.4			

UC DAVIS ELEMENTAL ANALYSIS TRAY 30

UC DAVIS ELEMENTAL ANALYSIS TRAY 3[illegible] 07/21/76 O/P ON 08/28/76

NA TO TOTLX IN 10^{-10} g/m^3 TOTLX FROM NA TO PB
H, C, O IN 10^{-7} g/m^3
MATRIX CORRECTIONS USING LOAD
H,C,O AMOUNTS INCLUDE SUBSTRATE

SLIDE	NA	AL	SI	S	CL	K	CA
3	106.7 +/- 20.4	100.8 +/- 15.7	605.0 +/- 61.5	1920.2 +/- 195.7	142.9 +/- 17.3	326.5 +/- 33.2	193.5 +/- 19.9
4	65.2 +/- 16.1	343.7 +/- 36.4	1529.1 +/- 153.5	2517.1 +/- 256.8	30.3*	480.9 +/- 48.7	660.0 +/- 66.3
5	65.0*	240.2 +/- 28.0	1334.0 +/- 134.0	3194.5 +/- 325.3	30.3*	635.0 +/- 64.0	454.1 +/- 45.8

SLIDE	TI	V	MN	FE	NI	ZN	BR
3	77.0 +/- 9.5	10.0*	10.0*	158.3 +/- 16.4	10.0*	12.5 +/- 3.0	11.6 +/- 3.4
4	84.9 +/- 9.8	10.0*	27.0 +/- 4.7	376.2 +/- 38.1	10.0*	12.5 +/- 3.2	10.0*
5	87.1 +/- 10.0	10.0*	27.9 +/- 4.6	302.1 +/- 30.7	10.0*	23.2 +/- 3.6	12.4 +/- 3.6

SLIDE	BA	PB	TOTLX	H	C	O
3	40.1*	50.3 +/- 9.2	3705.3 +/- 212.1	57.8 +/- 5.8	10.0*	10.0*
4	50.2*	71.8 +/- 11.3	6168.5 +/- 315.5	57.1 +/- 5.7	885.9 +/- 89.9	162.8 +/- 16.9
5	40.1*	85.1 +/- 12.4	6395.4 +/- 363.3	62.8 +/- 6.3	10.0*	10.0*

* DENOTES UPPER LIMIT OF ELEMENT NOT FOUND

ADDITIONAL ELEMENTS FOUND: SLIDE, ELEMENT, AMOUNT

3	PT	36.7	4	MG	66.6	4	PT	38.0	5	PT	36.6